

Postgraduate Diploma

Human Resources Process Optimization with Artificial Intelligence



Postgraduate Diploma Human Resources Process Optimization with Artificial Intelligence

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Global University
- » Accreditation: 18 ECTS
- » Schedule: at your own pace
- » Exams: online
- » Target Group: Graduates who have previously completed any of the programs in the fields of Social and Legal Sciences, Administrative and Business Sciences.

Website: www.techtute.com/us/school-of-bussines/postgraduate-diploma/postgraduate-human-resources-process-optimization-artificial-intelligence

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01 Welcome

The advent of Industry 4.0 has brought about a revolution in the field of Human Resources, providing experts with advanced Artificial Intelligence techniques to optimize routine tasks such as payroll. In fact, a recent report prepared by the International Labor Organization highlights that institutions that have adopted solutions such as Machine Learning have reported an increase in their operational efficiency of 38%. Faced with this reality, professionals need to acquire advanced skills to implement modern algorithms to automate tasks such as candidate classification or performance tracking. For this reason, TECH launches an innovative online university program focused on the application of Deep Learning in this field.



Postgraduate Diploma in Human Resources Process Optimization with Artificial Intelligence
TECH Global University



“

Thanks to this 100% online Postgraduate Diploma, you will implement automated solutions based on Artificial Intelligence to optimize a variety of processes in Human Resources management”

02

Why Study at TECH?

TECH is the world's largest 100% online business school. It is an elite business school, with a model based on the highest academic standards. A world-class center for intensive managerial skills education.



“

TECH is a university at the forefront of technology, and puts all its resources at the student's disposal to help them achieve entrepreneurial success"

At TECH Global University



Innovation

The university offers an online learning model that balances the latest educational technology with the most rigorous teaching methods. A unique method with the highest international recognition that will provide students with the keys to develop in a rapidly-evolving world, where innovation must be every entrepreneur's focus.

"*Microsoft Europe Success Story*", for integrating the innovative, interactive multi-video system.



The Highest Standards

Admissions criteria at TECH are not economic. Students don't need to make a large investment to study at this university. However, in order to obtain a qualification from TECH, the student's intelligence and ability will be tested to their limits. The institution's academic standards are exceptionally high...

95% | of TECH students successfully complete their studies



Networking

Professionals from countries all over the world attend TECH, allowing students to establish a large network of contacts that may prove useful to them in the future.

+100000

executives prepared each year

+200

different nationalities



Empowerment

Students will grow hand in hand with the best companies and highly regarded and influential professionals. TECH has developed strategic partnerships and a valuable network of contacts with major economic players in 7 continents.

+500

collaborative agreements with leading companies



Talent

This program is a unique initiative to allow students to showcase their talent in the business world. An opportunity that will allow them to voice their concerns and share their business vision.

After completing this program, TECH helps students show the world their talent.



Multicultural Context

While studying at TECH, students will enjoy a unique experience. Study in a multicultural context. In a program with a global vision, through which students can learn about the operating methods in different parts of the world, and gather the latest information that best adapts to their business idea.

TECH students represent more than 200 different nationalities.

TECH strives for excellence and, to this end, boasts a series of characteristics that make this university unique:



Analysis

TECH explores the student's critical side, their ability to question things, their problem-solving skills, as well as their interpersonal skills.



Academic Excellence

TECH offers students the best online learning methodology. The university combines the Relearning method (postgraduate learning methodology with the best international valuation) with the Case Study. Tradition and vanguard in a difficult balance, and in the context of the most demanding educational itinerary.



Economy of Scale

TECH is the world's largest online university. It currently boasts a portfolio of more than 10,000 university postgraduate programs. And in today's new economy, **volume + technology = a ground-breaking price**. This way, TECH ensures that studying is not as expensive for students as it would be at another university.



Learn with the best

In the classroom, TECH's teaching staff discuss how they have achieved success in their companies, working in a real, lively, and dynamic context. Teachers who are fully committed to offering a quality specialization that will allow students to advance in their career and stand out in the business world.

Teachers representing 20 different nationalities.



At TECH, you will have access to the most rigorous and up-to-date case analyses in academia"

03

Why Our Program?

Studying this TECH program means increasing the chances of achieving professional success in senior business management.

It is a challenge that demands effort and dedication, but it opens the door to a promising future. Students will learn from the best teaching staff and with the most flexible and innovative educational methodology.



“

We have highly qualified teachers and the most complete syllabus on the market, which allows us to offer you education of the highest academic level”

This program will provide you with a multitude of professional and personal advantages, among which we highlight the following:

01

A Strong Boost to Your Career

By studying at TECH, students will be able to take control of their future and develop their full potential. By completing this program, students will acquire the skills required to make a positive change in their career in a short period of time.

70% of students achieve positive career development in less than 2 years.

02

Develop a strategic and global vision of the company

TECH offers an in-depth overview of general management to understand how each decision affects each of the company's different functional fields.

Our global vision of companies will improve your strategic vision.

03

Consolidate the student's senior management skills

Studying at TECH means opening the doors to a wide range of professional opportunities for students to position themselves as senior executives, with a broad vision of the international environment.

You will work on more than 100 real senior management cases.

04

You will take on new responsibilities

The program will cover the latest trends, advances and strategies, so that students can carry out their professional work in a changing environment.

45% of graduates are promoted internally.

05

Access to a powerful network of contacts

TECH connects its students to maximize opportunities. Students with the same concerns and desire to grow. Therefore, partnerships, customers or suppliers can be shared.

You will find a network of contacts that will be instrumental for professional development.

06

Thoroughly develop business projects.

Students will acquire a deep strategic vision that will help them develop their own project, taking into account the different fields in companies.

20% of our students develop their own business idea.

07

Improve *soft skills* and management skills

TECH helps students apply and develop the knowledge they have acquired, while improving their interpersonal skills in order to become leaders who make a difference.

Improve your communication and leadership skills and enhance your career.

08

You will be part of an exclusive community

Students will be part of a community of elite executives, large companies, renowned institutions, and qualified teachers from the most prestigious universities in the world: the TECH Technological University community.

We give you the opportunity to study with a team of world-renowned teachers.

04 Objectives

Through this Postgraduate Diploma, professionals will stand out for their holistic knowledge on the application of Artificial Intelligence in Human Resources Processes. Similarly, graduates will acquire advanced skills to use Machine Learning techniques to automate tasks such as payroll calculation, task assignment or shift distribution. In this sense, students will handle specialized state-of-the-art software such as Power Bi, Salesforce Einstein or IBM Watson Legal Advisor). Therefore, experts will contribute to strategic decision making based on predictive analytics to improve the operational efficiency of organizations.





“

You will skillfully use Artificial Intelligence to design customized training programs that motivate teams to optimize their performance”

TECH makes the objectives of its students its own.
Working together to achieve them.

The Postgraduate Certificate in Human Resources Process Optimization with Artificial Intelligence will enable students to:

01

Use Artificial Intelligence to monitor the work climate, proactively identifying problems and improving internal communication and employee satisfaction

02

Develop the ability to use Artificial Intelligence to identify and eliminate bias in selection, evaluation and development processes

03

Train students to implement Artificial Intelligence solutions that automate administrative and managerial tasks





04

Apply predictive analytics techniques in HR management, anticipating needs and improving strategic planning

05

Delve into the ethical and transparency principles necessary for the responsible implementation of Artificial Intelligence in Human Resources

06

Lead digital transformation projects in the Human Resources department, using Artificial Intelligence as a key tool to innovate and improve organizational processes

05

Structure and Content

This Postgraduate Diploma has been developed by prestigious experts in the field of Artificial Intelligence applied to Human Resources. Therefore, the curriculum will delve into issues ranging from the automation of recruitment processes or payroll calculation to predictive analytics in personnel management. In this way, graduates will develop advanced skills to handle the most sophisticated Machine Learning techniques to boost the attraction and retention of talent in companies. Also, the teaching content will delve into cutting-edge strategies to successfully lead organizational change processes such as digital transformation.



“

You will use specialized software such as Leader Amp to perform comprehensive evaluations of employee performance”

Syllabus

TECH Global University's Postgraduate Diploma in Human Resources Process Optimization with Artificial Intelligence is an intensive program that prepares you to face business decisions in the field of personnel management.

Throughout this program, students will delve into a wide range of real cases in simulated learning environments, which will allow them to develop advanced skills to implement Artificial Intelligence solutions efficiently.

The curriculum will delve into issues ranging from the automation of recruitment processes or payroll calculation to predictive analytics in personnel management.

In this way, graduates will develop skills to handle the most sophisticated Machine Learning techniques to boost

the attraction and retention of talent in companies. Also, the teaching content will delve into cutting-edge strategies to successfully lead organizational change processes such as digital transformation.

Undoubtedly, this is an ideal opportunity for professionals to achieve excellence in the field of Human Resources through the application of Artificial Intelligence tools. In this way, they will be able to automate repetitive administrative tasks and focus on more strategic issues.

This Postgraduate Diploma takes place over 6 months and is divided into 3 modules:

Module 1

Personnel and Payroll Management with Artificial Intelligence

Module 2

Selection Processes and Artificial Intelligence

Module 3

Artificial Intelligence and Its Application in Talent Management and Professional Development



Where, When and How is it Taught?

TECH offers the possibility to develop this Postgraduate Diploma in Human Resources Process Optimization with Artificial Intelligence completely online. Throughout the 6 months of the educational program, the students will be able to access all the contents of this program at any time, allowing them to self-manage their study time.

A unique, key, and decisive educational experience to boost your professional development and make the definitive leap.

Module 1. Personnel and Payroll Management with Artificial Intelligence

<p>1.1. Artificial Intelligence for Diversity and Inclusion in the Workplace</p> <p>1.1.1. Diversity Analysis Using IBM Watson to Detect Trends and Biases</p> <p>1.1.2. AI Tools for Detecting and Correcting Biases in HR Processes</p> <p>1.1.3. Evaluating the Impact of Inclusion Policies using Data Analytics</p>	<p>1.2. Fundamentals of Personnel Administration with Artificial Intelligence</p> <p>1.2.1. Automation of Hiring and Onboarding Processes</p> <p>1.2.2. Use of Artificial Intelligence-Based Personnel Data Management Systems</p> <p>1.2.3. Improving the Employee Experience through Intelligent Platforms</p>	<p>1.3. Artificial Intelligence Technologies Applied to Payroll</p> <p>1.3.1. Artificial Intelligence Systems for Automated Payroll Calculation</p> <p>1.3.2. Intelligent Profit Management with Platforms such as Gusto</p> <p>1.3.3. Detection of Errors and Fraud in Payrolls Using Artificial Intelligence Algorithms</p>	<p>1.4. Optimizing Resource Allocation with Artificial Intelligence</p> <p>1.4.1. Personnel Planning with Kronos Predictive Tools</p> <p>1.4.2. AI Models for Shift and Task Assignment Optimization</p> <p>1.4.3. Workload Analysis and Resource Allocation with Power BI</p>
<p>1.5. Artificial Intelligence in HR Regulatory and Legal Compliance</p> <p>1.5.1. Automation of Compliance with Labor Policies</p> <p>1.5.2. AI Systems to Ensure Fairness and Transparency in HR</p> <p>1.5.3. Contract and Regulatory Management with IBM Watson Legal Advisor</p>	<p>1.6. Predictive Analytics in Workforce Management</p> <p>1.6.1. Predictive Models for Employee Retention with Retain's Artificial Intelligence</p> <p>1.6.2. Sentiment Analysis in Internal Communications</p> <p>1.6.3. Predicting Training and Development Needs</p>	<p>1.7. Automating Benefits Management with Artificial Intelligence</p> <p>1.7.1. Benefits Administration Using Intelligent Platforms such as Zenefits</p> <p>1.7.2. Customizing Benefit Packages using Artificial Intelligence</p> <p>1.7.3. Optimizing Benefit Costs Using Data Analytics</p>	<p>1.8. Integrating HR Systems with Artificial Intelligence</p> <p>1.8.1. Integrated Systems for Personnel Management with Salesforce Einstein</p> <p>1.8.2. Interface and Usability in Artificial Intelligence-Based HR Systems</p> <p>1.8.3. Data Security and Privacy in Integrated Systems</p>
<p>1.9. Artificial Intelligence-Supported Training and Development of Personnel</p> <p>1.9.1. Adaptive and Personalized Learning Systems</p> <p>1.9.2. Artificial Intelligence-Powered E-Learning Platforms</p> <p>1.9.3. Performance Assessment and Monitoring Using Intelligent Technologies</p>	<p>1.10. Crisis and Change Management with Artificial Intelligence in HR</p> <p>1.10.1. Using AI for Effective Management of Organizational Change</p> <p>1.10.2. Predictive Tools for Crisis Preparedness with Predictive Layer</p> <p>1.10.3. Data Analysis to Evaluate and Adapt HR Strategies in Times of Crisis</p>		

Module 2. Selection Processes and Artificial Intelligence

2.1. Introduction to the Application of Artificial Intelligence in Personnel Selection

- 2.1.1. Definition of Artificial Intelligence in the Human Resources Context. Entelo
- 2.1.2. Importance of Applying Artificial Intelligence in Selection Processes
- 2.1.3. Benefits of Using Artificial Intelligence in Selection Processes

2.2. Automating Tasks in the Recruitment Process

- 2.2.1. Using AI to Automate Job Postings
- 2.2.2. Implementing Chatbots to Answer Candidates' Frequently Asked Questions
- 2.2.3. Tools. XOR

2.3. Resume Analysis with Artificial Intelligence

- 2.3.1. Using Artificial Intelligence Algorithms to Analyze and Evaluate Resumes. Talview
- 2.3.2. Automatic Identification of Skills and Experience Relevant to the Position
- 2.3.3. Advantages and Disadvantages

2.4. Candidate Filtering and Ranking

- 2.4.1. Applying Artificial Intelligence to Automatically Filter Candidates Based on Specific Criteria. Vervoe
- 2.4.2. Ranking Candidates According to Suitability for the Position Using Machine Learning Techniques
- 2.4.3. Using Artificial Intelligence for Dynamic Customization of Filtering Criteria based on Job Needs

2.5. Pattern Recognition on Social Networks and Professional Platforms

- 2.5.1. Using AI to Analyze Candidate Profiles on Social Networks and Professional Platforms
- 2.5.2. Identifying Behavioral Patterns and Trends Relevant to Recruiting
- 2.5.3. Assessing the Online Presence and Digital Influence of Candidates Using Artificial Intelligence Tools

2.6. Artificial Intelligence-Assisted Virtual Interviewing

- 2.6.1. Implementing Virtual Interviewing Systems with Language and Emotion Analysis. Talentoday
- 2.6.2. Automatic Evaluation of Candidate Responses Using Natural Language Processing Techniques
- 2.6.3. Developing Automatic and Personalized Feedback for Candidates Based on Artificial Intelligence Interview Analysis

2.7. Evaluation of Skills and Competencies

- 2.7.1. Using Artificial Intelligence-Based Assessment Tools to Measure Technical and Soft Skills. OutMatch
- 2.7.2. Automatically Analyzing Tests and Assessment Exercises Performed by Candidates. Harver
- 2.7.3. Correlation of Assessment Results with Success on the Job Using Artificial Intelligence Predictive Analytics

2.8. Elimination of Selection Biases

- 2.8.1. Applying Artificial Intelligence to Identify and Mitigate Unconscious Bias in the Selection Process
- 2.8.2. Implementing Unbiased and Fair Artificial Intelligence Algorithms in Decision Making
- 2.8.3. Training and Continuous Tuning of Artificial Intelligence Models to Ensure Fairness in Personnel Selection

2.9. Prediction of Fit and Retention

- 2.9.1. Using Predictive Artificial Intelligence Models to Predict Candidate Suitability and Likelihood of Retention Hiretual
- 2.9.2. Analyzing Historical Data and Performance Metrics to Identify Patterns of Success
- 2.9.3. Artificial Intelligence Models for Simulating Job Scenarios and Their Impact on Candidate Retention

2.10. Ethics and Transparency in Artificial Intelligence Selection

- 2.10.1. Ethical Considerations in the Use of Artificial Intelligence in the Personnel Selection Processes
- 2.10.2. Ensuring Transparency and Explainability in Artificial Intelligence Algorithms Used in Hiring Decisions
- 2.10.3. Developing Audit and Review Policies for Automated Decisions

Module 3. AI and Its Application in Talent Management and Professional Development

3.1. Introduction to the Application of Artificial Intelligence in Talent Management and Professional Development

- 3.1.1. Historical Evolution of Artificial Intelligence in Talent Management and How It Has Transformed the Industry
- 3.1.2. Definition of Artificial Intelligence in the Human Resources Context
- 3.1.3. Importance of Talent Management and Professional Development. Glint

3.2. Automation of Talent Management Processes

- 3.2.1. Using AI to Automate Administrative Tasks in Talent Management
- 3.2.2. Implementing Artificial Intelligence-Based Talent Management Systems
- 3.2.3. Assessing Operational Efficiency and Cost Reduction through Automation with Artificial Intelligence

3.3. Talent Identification and Retention with Artificial Intelligence

- 3.3.1. Using Artificial Intelligence Algorithms to Identify and Retain Talent in the Organization
- 3.3.2. Predictive Analytics for the Detection of Employees with High Growth Potential
- 3.3.3. Integrating Artificial Intelligence with HR Management Systems for Continuous Performance and Development Tracking

3.4. Personalization of Professional Development. Leader Amp

- 3.4.1. Implementing Customized Artificial Intelligence-Based Professional Development Programs
- 3.4.2. Using Recommendation Algorithms to Suggest Learning and Growth Opportunities
- 3.4.3. Matching Career Development Pathways to Labor Market Evolution Predictions Using Artificial Intelligence

3.5. Competency and Skills Gap Analysis

- 3.5.1. Using AI to Analyze Employees' Current Skills and Competencies
- 3.5.2. Identification of Skills Gaps and Training Needs Using Data Analytics
- 3.5.3. Implementing Real-Time Training Programs Based on Automated Artificial Intelligence Recommendations

3.6. Mentoring and Virtual Coaching

- 3.6.1. Implementation of Artificial Intelligence-Assisted Virtual Mentoring Systems. Crystal
- 3.6.2. Using Chatbots and Virtual Assistants to Provide Personalized Coaching
- 3.6.3. Impact Assessment of Virtual Coaching Using Data Analysis and Automated AI Feedback

3.7. Achievement and Performance Recognition

- 3.7.1. Using Artificial Intelligence-Based Achievement Recognition Systems to Motivate Employees. BetterUp
- 3.7.2. Automatically Analyzing Employee Performance and Productivity Using Artificial Intelligence
- 3.7.3. Developing an Artificial Intelligence-Based Reward and Recognition System

3.8. Evaluation of Leadership Potential

- 3.8.1. Applying Artificial Intelligence Techniques to Assess Leadership Potential of Employees
- 3.8.2. Identifying Emerging Leaders and Developing Tailored Leadership Programs
- 3.8.3. Using Artificial Intelligence-Driven Simulations to Train and Evaluate Leadership Skills

3.9. Change Management and Organizational Adaptability

- 3.9.1. Predictive Analytics to Anticipate Change Needs and Promote Organizational Resilience
- 3.9.2. Organizational Change Planning Using Artificial Intelligence
- 3.9.3. Using AI to Manage Organizational Change and Promote Adaptability. Cognician

3.10. Ethics and Accountability in Talent Management with Artificial Intelligence

- 3.10.1. Ethical Considerations in the Use of AI in Talent Management and Professional Development. Reflektive
- 3.10.2. Ensuring Fairness and Transparency in Artificial Intelligence Algorithms Used in Talent Management Decision-Making
- 3.10.3. Implementation of Audits to Monitor and Adjust Artificial Intelligence Algorithms to Ensure Ethical Practices



“

You are looking at a flexible university program that is compatible with your most demanding daily responsibilities. What are you waiting for to enroll?”

6

Study Methodology

TECH is the world's first university to combine the **case study** methodology with **Relearning**, a 100% online learning system based on guided repetition.

This disruptive pedagogical strategy has been conceived to offer professionals the opportunity to update their knowledge and develop their skills in an intensive and rigorous way. A learning model that places students at the center of the educational process giving them the leading role, adapting to their needs and leaving aside more conventional methodologies.



“

TECH will prepare you to face new challenges in uncertain environments and achieve success in your career”

The student: the priority of all TECH programs

In TECH's study methodology, the student is the main protagonist.

The teaching tools of each program have been selected taking into account the demands of time, availability and academic rigor that, today, not only students demand but also the most competitive positions in the market.

With TECH's asynchronous educational model, it is students who choose the time they dedicate to study, how they decide to establish their routines, and all this from the comfort of the electronic device of their choice. The student will not have to participate in live classes, which in many cases they will not be able to attend. The learning activities will be done when it is convenient for them. They can always decide when and from where they want to study.

“

*At TECH you will NOT have live classes
(which you might not be able to attend)”*



The most comprehensive study plans at the international level

TECH is distinguished by offering the most complete academic itineraries on the university scene. This comprehensiveness is achieved through the creation of syllabi that not only cover the essential knowledge, but also the most recent innovations in each area.

By being constantly up to date, these programs allow students to keep up with market changes and acquire the skills most valued by employers. In this way, those who complete their studies at TECH receive a comprehensive education that provides them with a notable competitive advantage to further their careers.

And what's more, they will be able to do so from any device, pc, tablet or smartphone.

“

TECH's model is asynchronous, so it allows you to study with your pc, tablet or your smartphone wherever you want, whenever you want and for as long as you want”

Case Studies and Case Method

The case method has been the learning system most used by the world's best business schools. Developed in 1912 so that law students would not only learn the law based on theoretical content, its function was also to present them with real complex situations. In this way, they could make informed decisions and value judgments about how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

With this teaching model, it is students themselves who build their professional competence through strategies such as Learning by Doing or Design Thinking, used by other renowned institutions such as Yale or Stanford.

This action-oriented method will be applied throughout the entire academic itinerary that the student undertakes with TECH. Students will be confronted with multiple real-life situations and will have to integrate knowledge, research, discuss and defend their ideas and decisions. All this with the premise of answering the question of how they would act when facing specific events of complexity in their daily work.



Relearning Methodology

At TECH, case studies are enhanced with the best 100% online teaching method: Relearning.

This method breaks with traditional teaching techniques to put the student at the center of the equation, providing the best content in different formats. In this way, it manages to review and reiterate the key concepts of each subject and learn to apply them in a real context.

In the same line, and according to multiple scientific researches, reiteration is the best way to learn. For this reason, TECH offers between 8 and 16 repetitions of each key concept within the same lesson, presented in a different way, with the objective of ensuring that the knowledge is completely consolidated during the study process.

Relearning will allow you to learn with less effort and better performance, involving you more in your specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to success.



A 100% online Virtual Campus with the best teaching resources

In order to apply its methodology effectively, TECH focuses on providing graduates with teaching materials in different formats: texts, interactive videos, illustrations and knowledge maps, among others. All of them are designed by qualified teachers who focus their work on combining real cases with the resolution of complex situations through simulation, the study of contexts applied to each professional career and learning based on repetition, through audios, presentations, animations, images, etc.

The latest scientific evidence in the field of Neuroscience points to the importance of taking into account the place and context where the content is accessed before starting a new learning process. Being able to adjust these variables in a personalized way helps people to remember and store knowledge in the hippocampus to retain it in the long term. This is a model called Neurocognitive context-dependent e-learning that is consciously applied in this university qualification.

In order to facilitate tutor-student contact as much as possible, you will have a wide range of communication possibilities, both in real time and delayed (internal messaging, telephone answering service, email contact with the technical secretary, chat and videoconferences).

Likewise, this very complete Virtual Campus will allow TECH students to organize their study schedules according to their personal availability or work obligations. In this way, they will have global control of the academic content and teaching tools, based on their fast-paced professional update.



The online study mode of this program will allow you to organize your time and learning pace, adapting it to your schedule”

The effectiveness of the method is justified by four fundamental achievements:

1. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that assess real situations and the application of knowledge.
2. Learning is solidly translated into practical skills that allow the student to better integrate into the real world.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life.
4. Students like to feel that the effort they put into their studies is worthwhile. This then translates into a greater interest in learning and more time dedicated to working on the course.

The university methodology top-rated by its students

The results of this innovative teaching model can be seen in the overall satisfaction levels of TECH graduates.

The students' assessment of the quality of teaching, quality of materials, course structure and objectives is excellent. Not surprisingly, the institution became the best rated university by its students on the Trustpilot review platform, obtaining a 4.9 out of 5.

Access the study contents from any device with an Internet connection (computer, tablet, smartphone) thanks to the fact that TECH is at the forefront of technology and teaching.

You will be able to learn with the advantages that come with having access to simulated learning environments and the learning by observation approach, that is, Learning from an expert.



As such, the best educational materials, thoroughly prepared, will be available in this program:



Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is highly specific and precise. This content is then adapted in an audiovisual format that will create our way of working online, with the latest techniques that allow us to offer you high quality in all of the material that we provide you with.



Practicing Skills and Abilities

You will carry out activities to develop specific competencies and skills in each thematic field. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop within the framework of the globalization we live in.



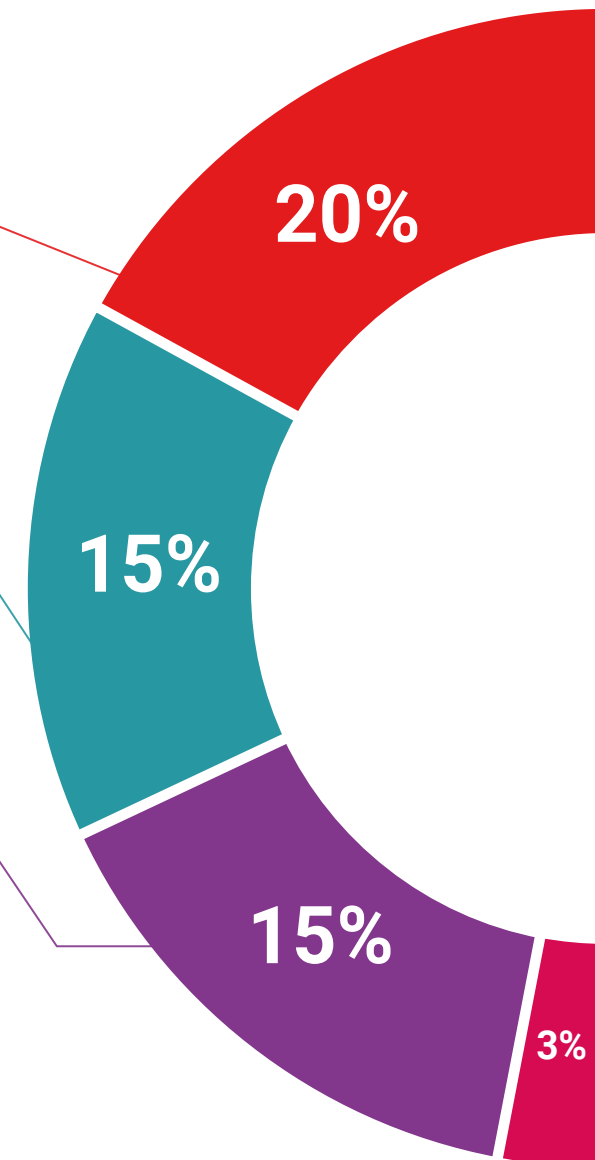
Interactive Summaries

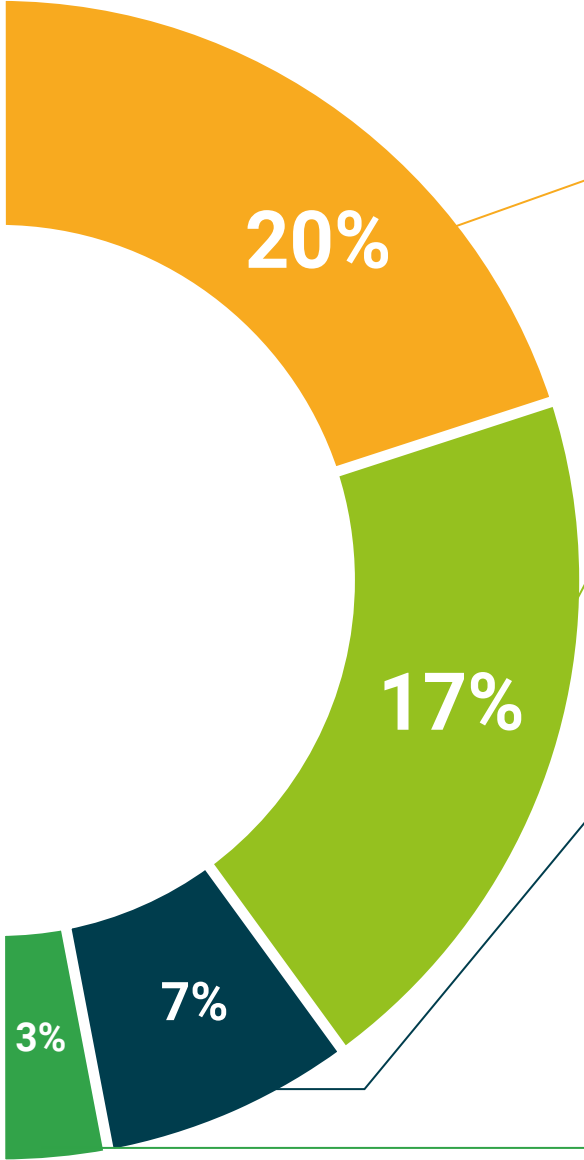
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge. This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

Recent articles, consensus documents, international guides... In our virtual library you will have access to everything you need to complete your education.





Case Studies

Students will complete a selection of the best *case studies* in the field. Cases that are presented, analyzed, and supervised by the best specialists in the world.



Testing & Retesting

We periodically assess and re-assess your knowledge throughout the program. We do this on 3 of the 4 levels of Miller's Pyramid.



Classes

There is scientific evidence suggesting that observing third-party experts can be useful. Learning from an expert strengthens knowledge and memory, and generates confidence for future difficult decisions.



Quick Action Guides

TECH offers the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical and effective way to help students progress in their learning.



07

Our Students' Profiles

The Postgraduate Diploma is aimed at Graduates who have previously completed any of the following degrees in the field of Social and Legal Sciences, Administrative and Economics.

This program uses a multidisciplinary approach as the students have a diverse set of academic profiles and represent multiple nationalities.

The Postgraduate Diploma is also open to professionals who, being university graduates in any area, have two years of work experience in the field of Labor Relations.





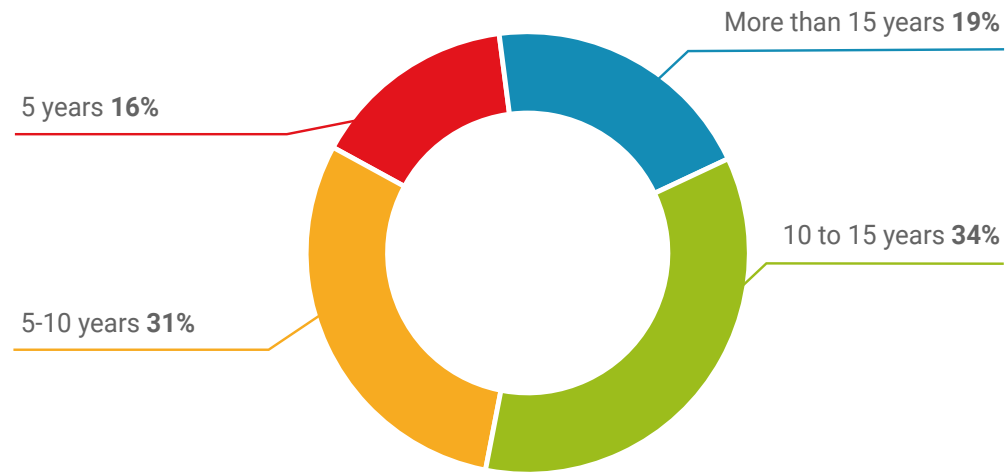
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Do you have professional experience in Human Resources and are you looking to optimize your processes through Artificial Intelligence? Achieve it through this academic itinerary”

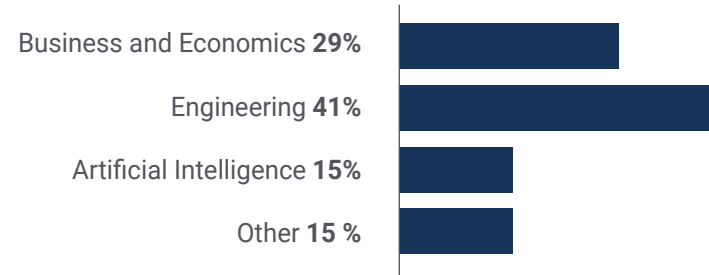
Average Age

Between **35** and **45** years old

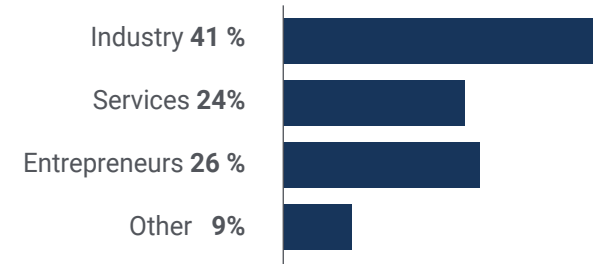
Years of Experience



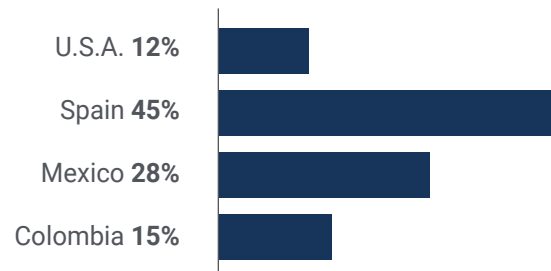
Training



Academic Profile



Geographical Distribution



Marcos Gutiérrez Hernández

Human Resources Manager

"This Postgraduate Diploma has provided me with valuable tools that I am sure will make a significant difference in my professional career. I feel prepared to tackle any challenge in integrating Artificial Intelligence into HR processes. I appreciate the support offered to me by the teaching team throughout the program."

08

Course Management

For the design and delivery of this Postgraduate Diploma, TECH has enlisted the services of the best specialists in Artificial Intelligence applied to Human Resources. These professionals have an extensive professional background, where they have been part of prestigious institutions to help them significantly improve their operational processes and create a favorable working environment. In this way, students have the guarantees they demand to enter into a high intensity academic experience that will allow them to experience a significant leap in quality in their professional careers.



A black and white photograph showing three people, two men and one woman, looking down at a screen. The image is partially obscured by a dark blue diagonal shape on the right side of the page.

“

You will enjoy the personalized advice of the teaching team, made up of recognized experts in Human Resources Process Optimization with Artificial Intelligence”

Management



Dr. Peralta Martín-Palomino, Arturo

- ◆ CEO and CTO at Prometheus Global Solutions
- ◆ CTO at Korporate Technologies
- ◆ CTO at AI Shepherds GmbH
- ◆ Consultant and Strategic Business Advisor at Alliance Medical
- ◆ Director of Design and Development at DocPath
- ◆ PhD in Psychology from the University of Castilla La Mancha
- ◆ PhD in Economics, Business and Finance from the Camilo José Cela University
- ◆ PhD in Psychology from University of Castilla La Mancha
- ◆ Master's Degree in Executive MBA from the Isabel I University
- ◆ Master's Degree in Sales and Marketing Management, Isabel I University
- ◆ Expert Master's Degree in Big Data by Hadoop Training
- ◆ Master's Degree in Advanced Information Technologies from the University of Castilla La Mancha
- ◆ Member of: SMILE Research Group



Professors

Ms. Del Rey Sánchez, Cristina

- Talent Management Administrative Officer at Securitas Seguridad España, S.L.
- Extracurricular Activities Center Coordinator
- Support classes and pedagogical interventions with Primary and Secondary Education students
- Postgraduate in Development, Delivery and Tutoring of e-Learning Training Actions.
- Postgraduate in Early Childhood Care
- Degree in Pedagogy from the Complutense University of Madrid

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Take the opportunity to learn about the latest advances in this field in order to apply it to your daily practice”

09

Impact on Your Career

After completing this academic itinerary, professionals will significantly increase their job prospects and will have access to roles of greater responsibility in institutions.

In this sense, experts will be able to process and analyze large volumes of data using Artificial Intelligence tools. In addition, graduates will handle specialized software such as Power BI, Kronos or IBM Watson Legal Advisor. In this way, students will ensure compliance with internal policies and their compliance with labor laws in order to minimize tax risks.



“

You will design data-driven talent management programs that promote professional development and retention”

Looking to experience a leap in quality in your career as a Human Resources expert? With this program you will implement Performance Evaluations through Machine Learning.

Are you ready to take the leap? Excellent professional development awaits you

TECH's Postgraduate Diploma in Human Resources Process Optimization with Artificial Intelligence is an intensive program that prepares you to face challenges and business decisions in the field of Human Resources. The main objective is to promote your personal and professional growth. Helping you achieve success.

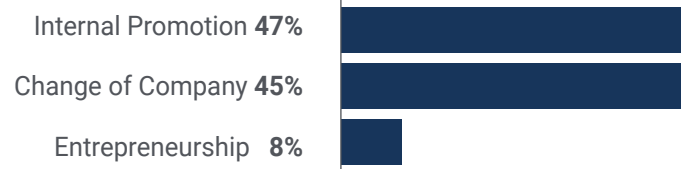
If you want to improve yourself, make a positive change at a professional level, and network with the best, then this is the place for you.

You will handle predictive analytics models to extract key indicators such as the level of personal satisfaction and design strategies to increase employee engagement.

When the change occurs



Type of change



Salary increase

This program represents a salary increase of more than **26.24%** for our students



10

Benefits for Your Company

The completion of this program provides institutions with the opportunity to modernize their personnel management practices, aligning their processes with current market demands.

In this sense, graduates will integrate the most advanced tools of Artificial Intelligence in the Human Resources Department to improve both operational efficiency and to contribute to talent development, thus optimizing the work climate and informed strategic decision making.





“

You will implement advanced algorithms to automate administrative processes such as payroll management, task assignment and employee performance tracking”

Developing and retaining talent in companies is the best long-term investment.

01

Growth of talent and intellectual capital

The professional will introduce the company to new concepts, strategies, and perspectives that can bring about significant changes in the organization.

02

Retaining high-potential executives to avoid talent drain

This program strengthens the link between the company and the professional and opens new avenues for professional growth within the company.

03

Building agents of change

You will be able to make decisions in times of uncertainty and crisis, helping the organization overcome obstacles.

04

Increased international expansion possibilities

Thanks to this program, the company will come into contact with the main markets in the world economy.



05

Project Development

The professional can work on a real project or develop new projects in the field of R & D or business development of your company.

06

Increased competitiveness

This program will equip students with the skills to take on new challenges and drive the organization forward.

11

Certificate

The Postgraduate Diploma in Human Resources Process Optimization with Artificial Intelligence guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.





*Successfully complete this program
and receive your university qualification
without having to travel or fill out
laborious paperwork"*

This private qualification will allow you to obtain a **Postgraduate Diploma in Human Resources Process Optimization with Artificial Intelligence** endorsed by **TECH Global University**, the world's largest online university.

TECH Global University is an official European University publicly recognized by the Government of Andorra ([official bulletin](#)). Andorra is part of the European Higher Education Area (EHEA) since 2003. The EHEA is an initiative promoted by the European Union that aims to organize the international training framework and harmonize the higher education systems of the member countries of this space. The project promotes common values, the implementation of collaborative tools and strengthening its quality assurance mechanisms to enhance collaboration and mobility among students, researchers and academics.

This **TECH Global University** private qualification is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Diploma in Human Resources Process Optimization with Artificial Intelligence**

Modality: **online**

Duration: **6 months**

Accreditation: **18 ECTS**





Postgraduate Diploma Human Resources Process Optimization with Artificial Intelligence

- » Modality: **online**
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- » Certificate: **TECH Global University**
- » Accreditation: **18 ECTS**
- » Schedule: **at your own pace**
- » Exams: **online**

Postgraduate Diploma

Human Resources Process Optimization with Artificial Intelligence

