Postgraduate Certificate
Data Modeling in Salesforce

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Postgraduate Certificate
Data Modeling in Salesforce

- » Modality: **online**
- » Duration: **6 months**
- » Certificate: **TECH Global University**
- » Accreditation: **6 ECTS**
- » Schedule: **at your own pace**
- » Exams: **online**

Website: **www.techtitute.com/us/information-technology/postgraduate-certificate/data-modeling-salesforce**

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01
Introduction

Data Modeling is a fundamental process for designing and structuring an organization's information repository within the Salesforce platform. In this way, companies ensure that they accurately reflect their specific workflows. In addition, this procedure organizes data in a consistent and structured way, making it easier to manage. This means that users can find information more efficiently. It is therefore vital that IT professionals incorporate into their daily practice the most innovative techniques for the creation of Salesforce objects and APIS available for data management. In this sense, TECH designs a very complete university program that will delve into this subject in a convenient 100% online format.

*Thanks to this Postgraduate
Certificate, supported by Relearning,
you will design the most effective Data
Models and apply advanced techniques
to optimize their performance"*

Database Change Management through DML operations is critical to maintaining data integrity by ensuring that data is accurate, consistent and up to date. In addition, these procedures are subject to access controls defined in the databases. This ensures that only authorized users can make changes to the information, which helps to protect its confidentiality. DML runs are also useful for automating business processes by programmatically making changes to data. This helps improve efficiency and productivity by eliminating the need to make changes manually.

In this context, TECH presents an innovative Postgraduate Certificate in Data Modeling in Salesforce. Its main objective is for computer scientists to properly use components such as custom objects, relationships and validation rules. To this end, the academic itinerary will delve into the creation of objects in Salesforce, taking into account the advanced use of Schema Builder. In line with this, the syllabus will delve into data quality, offering various practices for the configuration of attributes. The teaching materials will also examine the treatment of large volumes of information, providing students with advanced optimization techniques using Data Archiving and the Query Plan Tool.

In order to strengthen these contents, the methodology of this program reinforces its innovative character. TECH offers a 100% online educational environment, tailored to the needs of busy professionals seeking to advance their careers. It also relies on the Relearning methodology, based on the repetition of key concepts to fix knowledge and facilitate learning. In this way, the combination of flexibility and a robust pedagogical approach makes it highly accessible. In addition, students will have access to an extensive library of innovative multimedia resources in different audiovisual formats such as interactive summaries, explanatory videos, case studies and infographics.

This **Postgraduate Certificate in Data Modeling in Salesforce** contains the most complete and up-to-date educational program on the market. The most important features include:

- The development of practical cases presented by experts in Salesforce Programming
- The graphic, schematic and practical contents with which it is conceived provide complete and practical information on those disciplines that are essential for professional practice
- Practical exercises where self-assessment can be used to improve learning.
- Its special emphasis on innovative methodologies
- Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- Content that is accessible from any fixed or portable device with an Internet connection

You will achieve your academic goals without making unnecessary trips to a study center, thanks to TECH's 100% online methodology"

"*You will delve into the importance of Document Management in Salesforce to centralize all files and facilitate access to information at all times*"
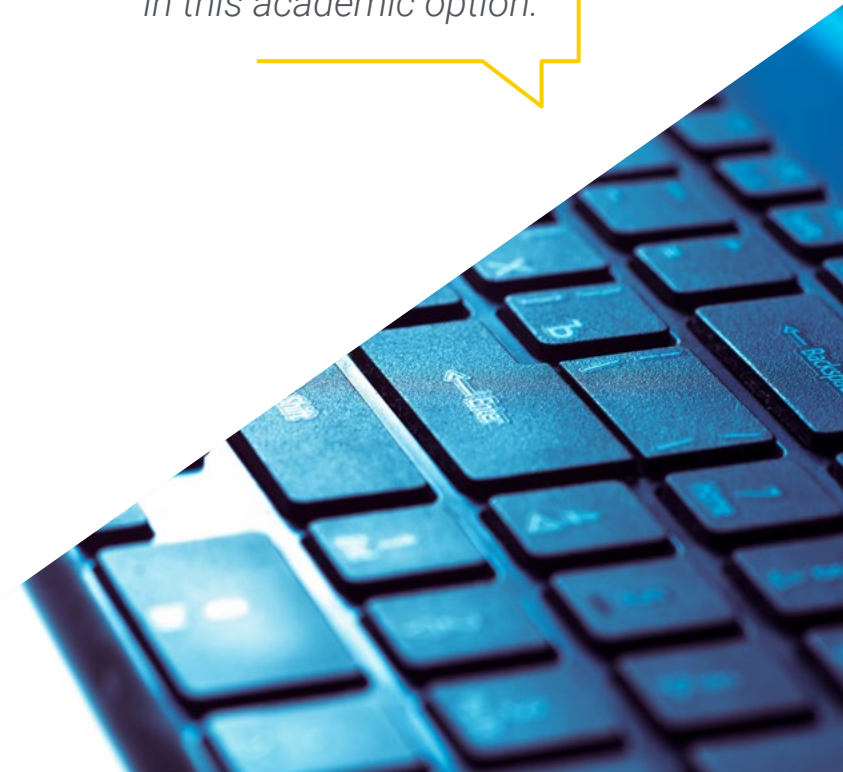
Looking for the most effective techniques to avoid Data Skew? Master them thanks to this Postgraduate Certificate.

Specialized readings will enable you to further extend the scrupulous information provided in this academic option.

The program's teaching staff includes professionals from the field who contribute their work experience to this educational program, as well as renowned specialists from leading societies and prestigious universities.

The multimedia content, developed with the latest educational technology, will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide immersive education programmed to prepare for real situations.

This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise during the course. For this purpose, the students will be assisted by an innovative interactive video system created by renowned and experienced experts.

02
Objectives

Upon completion of this university program, computer scientists will have a thorough understanding of the fundamentals of Salesforce Data Modeling. In this sense, graduates will effectively handle components such as standard objects, fields and validation rules. In this way, professionals will be highly qualified to design effective data models that meet business requirements and enable efficient information management. In addition, they will implement security measures aimed at maintaining the integrity of information through roles and profiles.

You will enhance your skills in the design and development of Data Models in Salesforce, including the creation of custom objects"

General Objectives

- Develop Salesforce database basics
- Analyze all the tools and advanced options for creating objects in Salesforce
- Promote the correct use of APIs and data manipulation tools
- Ensure secure and scalable designs in the Salesforce data model

You will implement state-of-the-art data security techniques, including the configuration of user permissions and access rules"

Specific Objectives

- Analyze, in an advanced way, all Salesforce tools for the creation of objects and attributes in Salesforce
- Delve into best practices for data manipulation in Salesforce
- Examine, at a specialized level, best techniques in the use of SOQL and SOSL query languages
- Solve performance issues when working with large volumes of data

03
Course Management

In order to maintain intact the excellent quality that characterizes its university programs, TECH carries out a rigorous selection process to choose its teaching staff. In this Postgraduate Certificate, it has brought together true professionals in Salesforce Data Modeling. These experts have extensive professional experience in internationally renowned technology organizations. In addition, they keep abreast of all the advances that occur in this field to optimize their daily procedures. In this way, students have the guarantees they require to specialize in a field that is highly demanded by companies.

"

A well-versed teaching team will guide you throughout your learning process and resolve any doubts you may have"

Management

Mr. Tovar Barranco, Iosu Igor

- Chief Architect at NTT Data Group
- Software Architect at Beesion Technologies
- Systems Administrator at Araldi
- .NET Developer at Gabinete de Gestión
- JAVA Programmer and J2EE Application Developer
- Senior Technician in Computer Applications Development at Centro de Estudios AEG
- Specialized in SOA Architectures
- Various certifications in Salesforce

Professors

Mr. Sacie Alcázar, David

- Technical Architect and Expert Consultant at NTT Data
- Senior Programmer at Telefónica
- Senior Developer at the University of Navarra
- Technology Analyst at SN Arquitectura
- Technical Leader at BBVA Compass
- Master's Degree in Telecommunications at the Open University of Catalonia
- Salesforce Marketing Cloud Certification
- Heroku Architect Designer Certification

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

04
Structure and Content

This university program will provide students with best practices in information design and modeling. The curriculum will delve into object typology to enable computer scientists to design consistent and efficient data architectures in Salesforce. The curriculum will also delve into database change management using DML operations, an essential aspect of maintaining consistency of information in a system. The teaching materials will carry out an advanced analysis of the most advanced tools to ensure good performance when working with large volumes of records in an object.
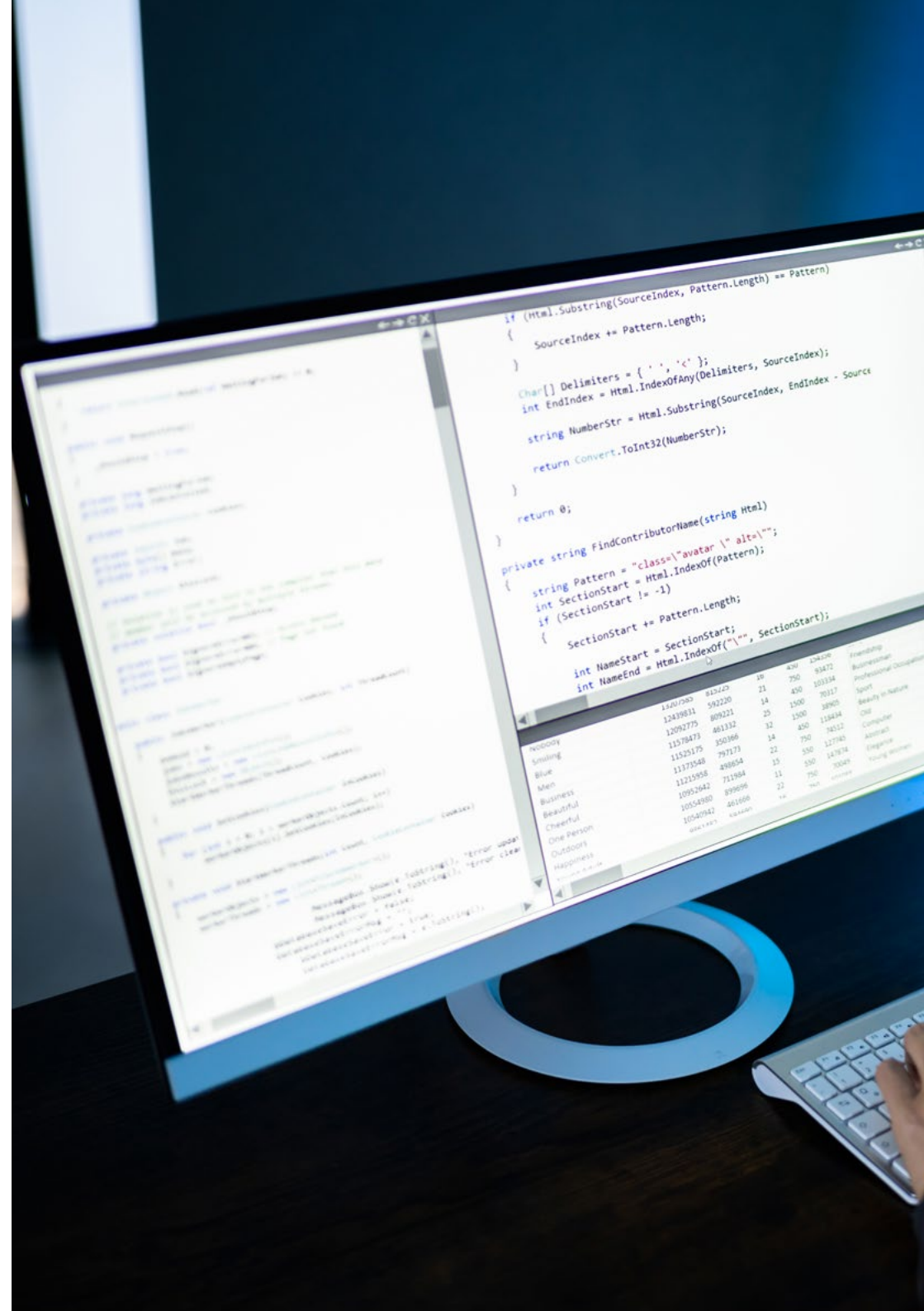
You will incorporate into your IT practice the most advanced tools for measuring and monitoring data quality"

Module 1. Data Modeling in Salesforce

You will have at your disposal the most modern educational resources, with free access to the Virtual Classroom 24 hours a day. Enroll now!"

05
Methodology

This academic program offers students a different way of learning. Our methodology uses a cyclical learning approach: **Relearning.**

This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.

Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"

Case Study to contextualize all content

Our program offers a revolutionary approach to developing skills and knowledge. Our goal is to strengthen skills in a changing, competitive, and highly demanding environment.

" *At TECH, you will experience a learning methodology that is shaking the foundations of traditional universities around the world"*

You will have access to a learning system based on repetition, with natural and progressive teaching throughout the entire syllabus.

A learning method that is different and innovative

This TECH program is an intensive educational program, created from scratch, which presents the most demanding challenges and decisions in this field, both nationally and internationally. This methodology promotes personal and professional growth, representing a significant step towards success. The case method, a technique that lays the foundation for this content, ensures that the most current economic, social and professional reality is taken into account.

"Our program prepares you to face new challenges in uncertain environments and achieve success in your career"

The case method has been the most widely used learning system among the world's leading Information Technology schools for as long as they have existed. The case method was developed in 1912 so that law students would not only learn the law based on theoretical content. It consisted of presenting students with real-life, complex situations for them to make informed decisions and value judgments on how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

What should a professional do in a given situation? This is the question that you are presented with in the case method, an action-oriented learning method. Throughout the course, students will be presented with multiple real cases. They will have to combine all their knowledge and research, and argue and defend their ideas and decisions.

The student will learn to solve complex situations in real business environments through collaborative activities and real cases.

Relearning Methodology

TECH effectively combines the Case Study methodology with a 100% online learning system based on repetition, which combines different teaching elements in each lesson.

We enhance the Case Study with the best 100% online teaching method: Relearning.

In 2019, we obtained the best learning results of all online universities in the world.

At TECH you will learn using a cutting-edge methodology designed to train the executives of the future. This method, at the forefront of international teaching, is called Relearning.

Our university is the only one in the world authorized to employ this successful method. In 2019, we managed to improve our students' overall satisfaction levels (teaching quality, quality of materials, course structure, objectives...) based on the best online university indicators.

01 learning from evidence

02 relearning from evidence

03 testing

04 learning from an expert

05 neurocognitive context dependent learning

06 Von-Restorff effect

07 case based learning through storytelling

08 competencies testing (retesting)

In our program, learning is not a linear process, but rather a spiral (learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically. This methodology has trained more than 650,000 university graduates with unprecedented success in fields as diverse as biochemistry, genetics, surgery, international law, management skills, sports science, philosophy, law, engineering, journalism, history, and financial markets and instruments. All this in a highly demanding environment, where the students have a strong socio-economic profile and an average age of 43.5 years.

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

From the latest scientific evidence in the field of neuroscience, not only do we know how to organize information, ideas, images and memories, but we know that the place and context where we have learned something is fundamental for us to be able to remember it and store it in the hippocampus, to retain it in our long-term memory.

In this way, and in what is called neurocognitive context-dependent e-learning, the different elements in our program are connected to the context where the individual carries out their professional activity.

This program offers the best educational material, prepared with professionals in mind:

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.

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.

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 in future difficult decisions.

Practising Skills and Abilities

They will carry out activities to develop specific skills and abilities in each subject area. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop in the context of the globalization that we are experiencing.

Additional Reading

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.

30%

10%

8%

20%

25%

4%

3%
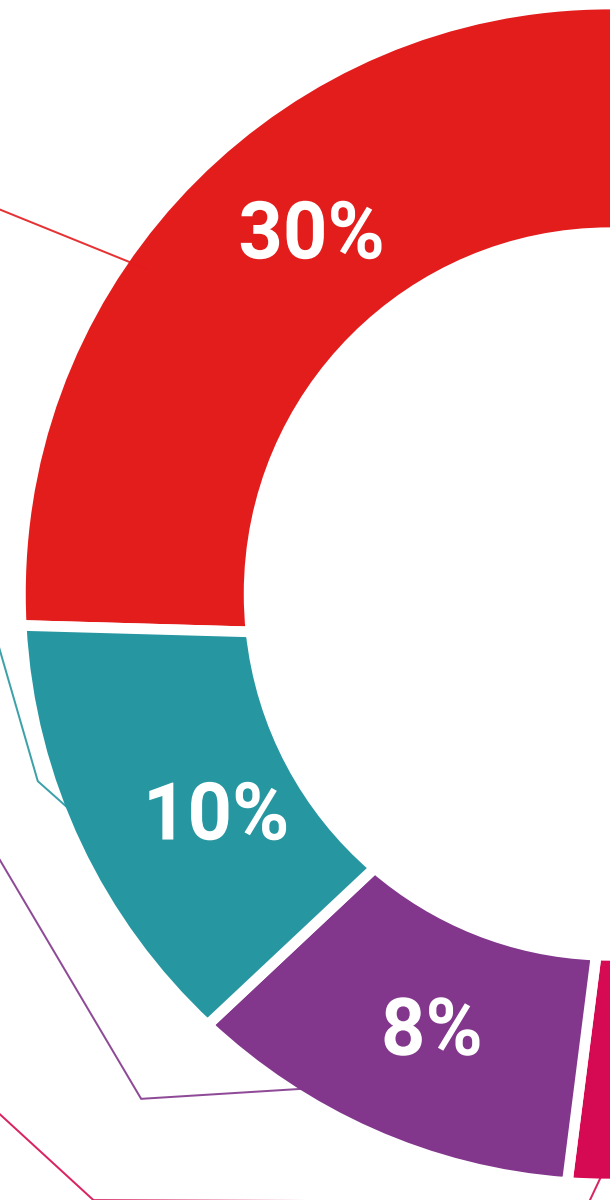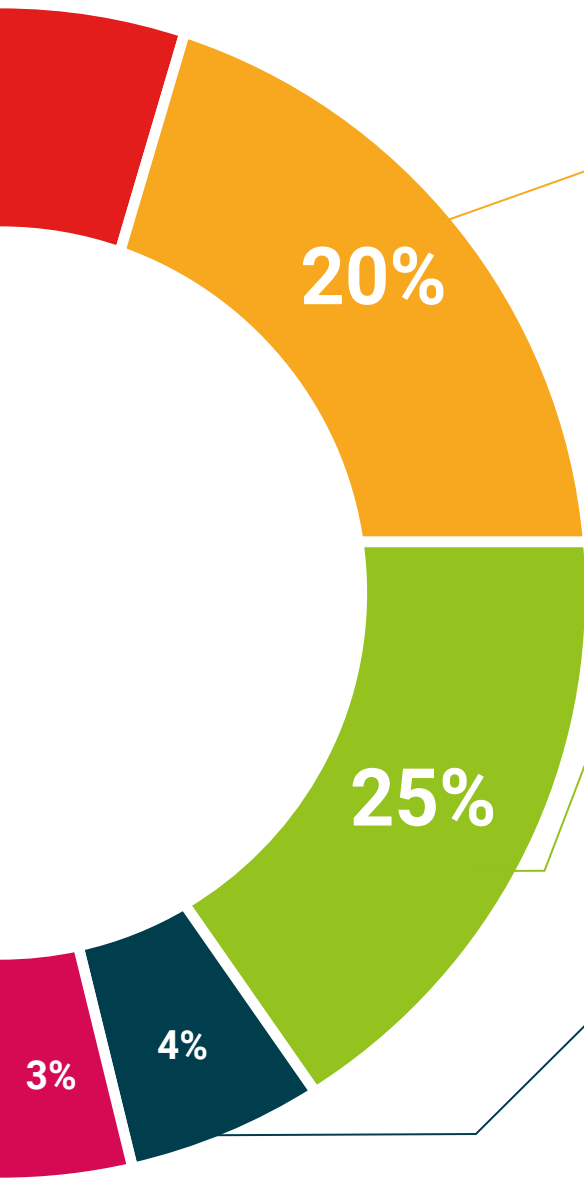
Case Studies

Students will complete a selection of the best case studies chosen specifically for this program. Cases that are presented, analyzed, and supervised by the best specialists in the world.

Interactive Summaries

The TECH team presents 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".

Testing & Retesting

We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises, so that they can see how they are achieving their goals.

06
Certificate

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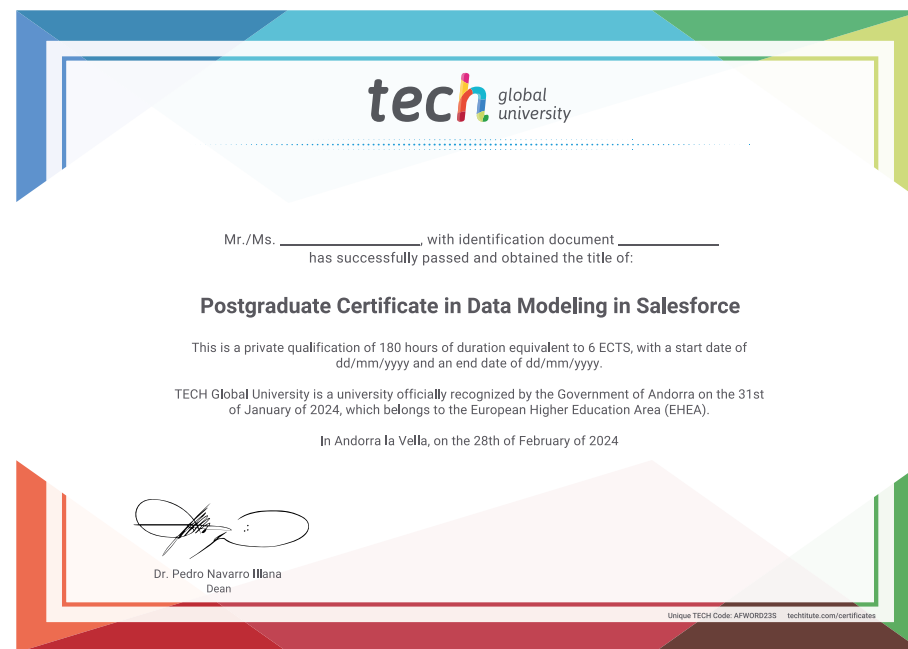
This **TECH Global University** private qualification, is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Certificate in Data Modeling in Salesforce**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**

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tech global university

Mr./Ms. _____, with identification document _____
has successfully passed and obtained the title of:

Postgraduate Certificate in Data Modeling in Salesforce

This is a private qualification of 180 hours of duration equivalent to 6 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH Global University is a university officially recognized by the Government of Andorra on the 31st of January of 2024, which belongs to the European Higher Education Area (EHEA).

In Andorra la Vella, on the 28th of February of 2024

Dr. Pedro Navarro Illana
Dean

Unique TECH Code: AFWORD23S   techtitute.com/certificates

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*Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH Global University will make the necessary arrangements to obtain it, at an additional cost.

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