



Management and Execution of Optimized Digital Marketing Strategies using Artificial Intelligence

» Modality: online

» Duration: 6 months

» Certificate: TECH Technological University

» Dedication: 16h/week

» Schedule: at your own pace

» Exams: online

» Target Group: University Graduates, Diploma and Bachelor's Degree Holders who have previously completed any of the qualifications in the field of Advertising, Computer Science and/or Business

Website: www.techtitute.com/us/school-of-business/postgraduate-diploma/postgraduate-diploma-management-execution-optimized-digital-marketing-strategies-artificial-intelligence

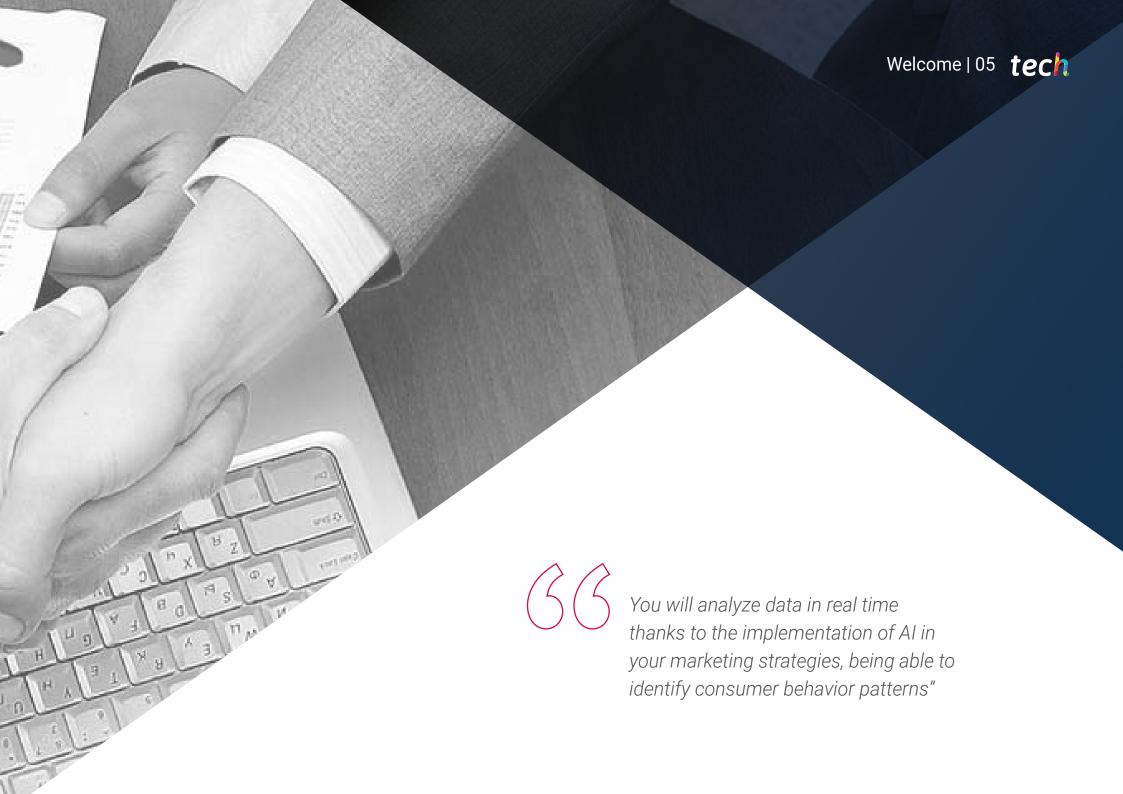
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# 01 **Welcome**

The implementation of Digital Marketing strategies, optimized through Artificial Intelligence (AI), offers a range of transformative benefits. By analyzing vast data sets, AI identifies consumer patterns and trends with unparalleled accuracy. This predictive capability enables campaigns to be personalized with an unprecedented level of detail, optimizing market segmentation and improving content relevance. In addition, AI empowers process automation, streamlining repetitive tasks and freeing up time for creativity and strategic innovation. This synergy between Marketing and AI drives business growth and strengthens customer loyalty. For these reasons, TECH has developed this 100% online educational program, based on the revolutionary *Relearning* methodology.









### tech 08 | Why Study at TECH?

### At TECH Technological 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

+200

executives prepared each year

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.



### 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"

### Why Study at TECH? | 09 tech

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.





### tech 12 | Why Our Program?

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



### 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.



## 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.



### 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.



### 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.



### 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.



### 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.



### 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.



### 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.





### tech 16 | Objectives

## TECH makes the goals of their students their own goals too Working together to achieve them

The Postgraduate Diploma in Management and Execution of Optimized Digital Marketing Strategies using Artificial Intelligence will enable students to:



Understand the principles of Digital Marketing transformation through the use of Al and master the use of tools to optimize SEO and SEM strategies



Use AI and Email Marketing for advanced personalization and automation in campaigns



Apply Al techniques in the management and analysis of social networks to boost reach and interaction, as well as improve communication with customers on different platforms



Master prompt engineering in ChatGPT and Al image generation to optimize the interaction of Marketing campaigns and the generation of content for blogs and social networks



Design and develop effective chatbots and Virtual Assistants for Digital Marketing strategies, also applying predictive analytics and Big Data techniques



Apply AI techniques in the creation of videos to enrich and diversify audiovisual content in Marketing







### tech 20 | Structure and Content

### **Syllabus**

The Postgraduate Diploma in Management and Execution of Optimized Digital Marketing Strategies using Artificial Intelligence is presented as a comprehensive program that covers three fundamental modules. In the first, the Artificial Intelligence revolution in digital marketing will be analyzed, from the transformation it has caused in the field, to predictive analysis with Big Data. It will also address key tools for the optimization and effectiveness of strategies, such as SEO, SEM, user experience personalization and programmatic advertising.

The second module will dive into prompt engineering in ChatGPT, up to video and text creation with AI, mastering the tools that shape digital storytelling. It will also address ethical considerations and examine success stories in AI content generation. Likewise, the integration of AI-generated content in digital marketing strategies is presented as a key component.

Finally, the third module will focus on the automation and optimization of Marketing processes, ranging from response automation and audience personalization, to price and promotion optimization with Al. In addition, we will delve into the integration of Al into existing tools, exploring future trends that will drive digital marketing towards constant innovation.

In this way, to facilitate the assimilation and retention of all concepts, TECH bases all its programs on the revolutionary *Relearning* methodology. Under this approach, students will strengthen their understanding with the repetition of key concepts, presented in various multimedia formats, to achieve a natural and gradual acquisition of skills.

This Postgraduate Diploma in
Management and Execution of Optimized
Digital Marketing Strategies using
Artificial Intelligence is developed over 6
months and is divided into 3 modules:

Module 1 Artificial Intelligence in Digital Marketing Strategies

Module 2 Content Generation with AI

Module 3 Automation and Optimization of Marketing Processes with AI



### Where, When and How is it Taught?

TECH offers you the possibility to study this Postgraduate Diploma in Management and Execution of Optimized Digital Marketing Strategies using Artificial Intelligence completely online. Throughout the 6 months of the educational program, you will be able to access all the contents of this program at any time, allowing you to self-manage your study time.

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

## tech 22 | Structure and Content

Module 1. Artificial Intelligence in Digital Marketing Strategies								
1.1. 1.1.1. 1.1.2. 1.1.3. 1.1.4.	with AI Introduction to Digital Transformation Impact on Content Strategy Automation of Marketing Processes	1.2. 1.2.1. 1.2.2. 1.2.3. 1.2.4.	Al Tools for SEO and SEM Keyword Optimization with Al Competition Analysis Search Trend Forecast Intelligent Audience Segmentation	1.3. 1.3.1. 1.3.2. 1.3.3. 1.3.4.	IA Application in Social Media Sentiment Analysis Social Trend Detection Publication Automation Automated Content Generation	1.4.1. 1.4.2. 1.4.3. 1.4.4.	Communication Personalized Chatbots Automated Email Response Systems Real-Time Response Optimization	
1.5.1. 1.5.2. 1.5.3. 1.5.4.		1.6.1. 1.6.2. 1.6.3. 1.6.4.	Chatbots and Virtual Assistants in Digital Marketing Proactive Interaction Multichannel Integration Contextual Responses Conversation Analytics	1.7.2. 1.7.3.	Programmatic Advertising with AI Advanced Segmentation Real-Time Optimization Automatic Bidding Analysis of Results	1.8.1. 1.8.2. 1.8.3. 1.8.4.	Predictive Analytics and Big Data in Digital Marketing Market Trends Forecast Advanced Attribution Models Predictive Audience Segmentation Sentiment Analysis in Big Data	
1.9.2. 1.9.3.	Al and Email Marketing for Campaign Customization and Automation Dynamic List Segmentation Dynamic Content in Emails Workflow Automation Open Rate Optimization	1.10.1. 1.10.2. 1.10.3.	Future Trends in Al for Digital Marketing Advanced Conversational Al Augmented Reality Integration Emphasis on Al Ethics Al in Content Creation					

Mod	Module 2. Module 2. Content Generation with Al						
<b>2.1.</b> 2.1.1. 2.1.2. 2.1.3.	Prompt Engineering in ChatGPT  Quality Improvement of the Generated Content Model Performance Optimization Strategies Effective Prompts Design	2.2. 2.2.1. 2.2.2. 2.2.3.	Al Image Generation Tools Object Recognition and Generation Applying Custom Styles and Filters to Images Methods to Improve the Visual Quality of Images	2.3. 2.3.1. 2.3.2. 2.3.3.	Video Creation with AI  Tools to Automate Video Editing Voice Synthesis and Automatic Dubbing Techniques for Object Tracking and Animation	2.4.1.	Text Generation with AI for Blogging and Social Media Creation Strategies for Improving SEO Positioning in Generated Content Using AI to Predict and Generate Content Trends Creating Attractive Headlines
2.5.1. 2.5.2. 2.5.3.	,	2.6.1. 2.6.2. 2.6.3.	Ethical Considerations for the Responsible Use of Al in Content Generation Transparency in Content Generation Preventing Bias and Discrimination in Content Generation Control and Human Supervision in Generative Processes	2.7. 2.7.1. 2.7.2. 2.7.3.	Analysis of Successful Cases in Content Generation with Al Identification of Key Strategies in Successful Cases Adaptation to Different Sectors Importance of Collaboration between Al Specialists and Industry Practitioners	2.8.1. 2.8.2. 2.8.3.	Integration of Al-generated Content in Digital Marketing Strategies Optimization of Advertising Campaigns with Content Generation Personalization of User Experience Automation of Marketing Processes
<b>2.9.</b> 2.9.1.	Future Trends in Content Generation with AI Advanced and Seamless Text, Image		Evaluation and Measurement of the Impact of Al-generated Content  Appropriate Metrics to Evaluate the				
2.9.2. 2.9.3.	and Audio Integration Hyper-personalized Content Generation	2.10.2	Performance of Generated Content . Measurement of Audience Engagement . Continuous Improvement of Content through Analytics				

## tech 24 | Structure and Content

Module 3. Automation and Optimization of Marketing Processes with Al									
<b>3.1.</b> 3.1.1. 3.1.2. 3.1.3.	Marketing Automation with AI Audience Segmentation Based on AI Workflow Automation Continuous Optimization of Online Campaigns	3.2.1. 3.2.2.	Integration of Data and Platforms Automated Marketing Strategies Analysis and Unification of Multichannel Data Interconnection between Different Marketing Platforms Real-Time Data Updating	3.3.1. 3.3.2.	Optimization of Advertising Campaigns with AI Predictive Analysis of Advertising Performance Automatic Advertisement Personalization According to Target Audience Automatic Budget Adjustment Based on Results	3.4.1. 3.4.2.	Audience Personalization with AI Content Segmentation and Personalization Personalized Content Recommendations Automatic Identification of Audiences or Homogeneous Groups		
3.5.1. 3.5.2. 3.5.3.		3.6.1. 3.6.2.	Al in Email Marketing for Automation and Customization Automation of Email Sequences Dynamic Customization of Content According to Preferences Intelligent Segmentation of Mailing Lists	3.7.1. 3.7.2.	Media and Customer Feedback Automatic Sentiment Monitoring in Comments Personalized Responses to Emotions	3.8.1. 3.8.2.	Price and Promotion Optimization with Al  Automatic Price Adjustment Based on Predictive Analysis Automatic Generation of Offers Adapted to User Behavior Real-Time Competitive and Price Analysis		
3.9.1. 3.9.2.	Integration of Al into Existing Marketing Tools Integration of Al Capabilities with Existing Marketing Platforms Optimization of Existing Functionalities Integration with CRM Systems	3.10.1 3.10.2	Trends and Future of Marketing Automation with AI  Al to Improve User Experience Predictive Approach to Marketing Decisions Conversational Advertising						



You will learn, through collaborative activities and real cases, how to solve complex situations in real business environments"





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.

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### tech 28 | Methodology

## TECH Business School uses the 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.





This program prepares you to face business challenges in uncertain environments and achieve business success.



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

### A learning method that is different and innovative

This TECH program is an intensive educational program, created from scratch to present executives with challenges and business decisions at the highest level, whether at the national or international level. 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 business reality is taken into account.



You will learn, through collaborative activities and real cases, how to solve complex situations in real business environments"

The case method has been the most widely used learning system among the world's leading business 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 we face in the case method, an action-oriented learning method. Throughout the program, the studies will be presented with multiple real cases. They must integrate all their knowledge, research, argue and defend their ideas and decisions.

### tech 30 | Methodology

### 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.

Our online system will allow you to organize your time and learning pace, adapting it to your schedule. You will be able to access the contents from any device with an internet connection.

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 online business school is the only one in the world licensed to incorporate 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.



### Methodology | 31 tech

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. With this methodology we have 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, markets, and financial 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 specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to 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.



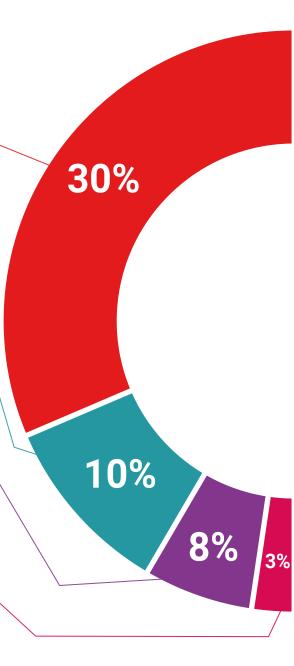
### **Management Skills Exercises**

They will carry out activities to develop specific executive competencies in each thematic area. Practices and dynamics to acquire and develop the skills and abilities that a high-level manager needs to develop in the context of the globalization we live in.



#### **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.





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 senior management 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**

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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.

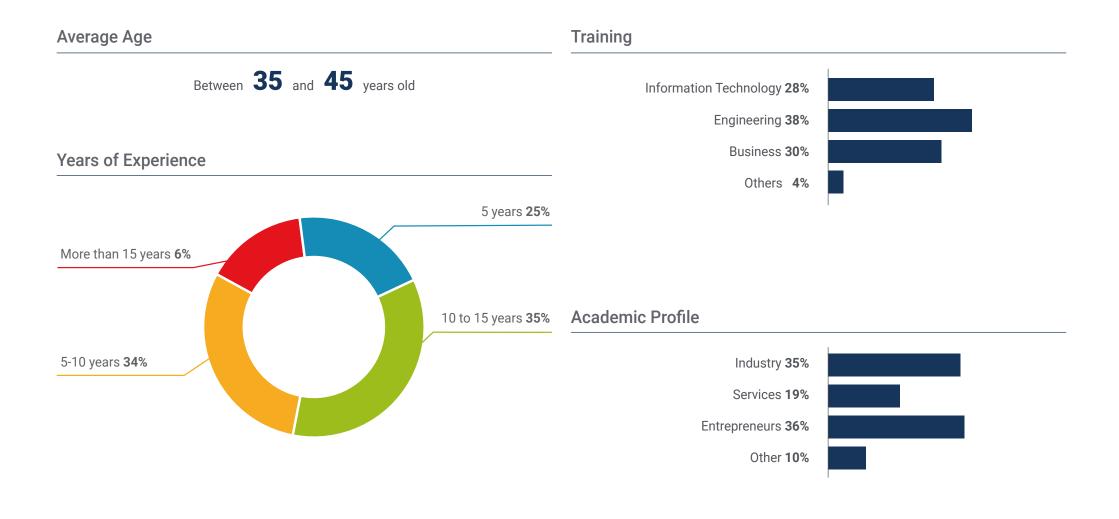


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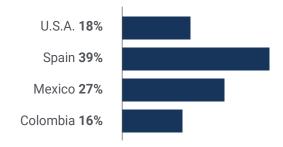




### tech 36 | Our Students' Profiles



#### **Geographical Distribution**





## Pablo Rodríguez

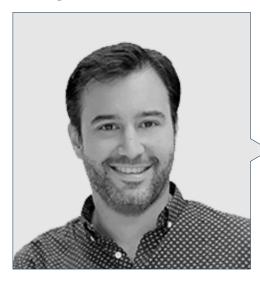
#### **Chief Marketing Officer**

"This program has given me a deep and updated understanding of Digital Marketing, with the addition of Artificial Intelligence, so in vogue today. In addition, I have refreshed tools and strategies that I have found very useful when applying them to my digital campaigns. But, above all, I highlight the interaction with experts in the field, which has allowed me to apply their teachings immediately in my job and demonstrate the scope of my capabilities"





#### Management



#### Dr. Peralta Martín-Palomino, Arturo

- CEO and CTO at Prometeus Global Solutions
- CTO at Korporate Technologies
- CTO at AI Shephers 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
- Máster in Executive MBA por la Universidad Isabel I
- 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



#### Mr. Sánchez Mansilla, Rodrigo

- Specialist in Digital Marketing
- Digital Advisor at Al Shephers GmbH
- Digital Account Manager at Kill Draper
- Head of Digital at Kuarere
- Digital Marketing Manager at Arconi Solutions, Deltoid Energy and Brinergy Tech
- Founder and National Sales and Marketing Manager
- Master's Degree in Digital Marketing (MDM) by The Power Business School
- Bachelor's Degree in Business Administration (BBA) from the University of Buenos Aires

#### **Professors**

#### Ms. González Risco, Verónica

- Specialist in Digital Marketing
- Freelance Digital Marketing Consultant
- Product Marketing/International Business Development at UNIR The University on the Internet
- Digital Marketing Specialist at Código Kreativo Comunicación SL
- Master's Degree in Online Marketing and Advertising Management by Indisoft Upgrade
- Diploma in Business Studies from the University of Almería

#### Ms. Parreño Rodríguez, Adelaida

- Technical Developer & Energy Communities Engineer at the University of Murcia
- Manager in Research & Innovation in European Projects at the University of Murcia
- Technical Developer & Energy/Electrical Engineer & Researcher in PHOENIX Project and FLEXUM (ONENET) Project
- Content Creator in Global UC3M Challenge
- Ginés Huertas Martínez Award (2023)
- Master's Degree in Renewable Energies by the Polytechnic University of Cartagena
- Degree in Electrical Engineering (bilingual) from the Carlos III University of Madrid





### tech 44 | Impact on Your Career

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

The Postgraduate Diploma in Management and Execution of Optimized Digital Marketing Strategies using Artificial Intelligence from TECH is an intensive program that prepares you to face challenges and business decisions in the field of Management and Execution of Optimized Digital Marketing Strategies using Al. 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.

Raise your professional profile by efficiently mastering the technologies of the future with this exclusive university qualification.

TECH has 99% employability among its graduates. Enroll now and excel in the labor market!

#### When the change occurs

During the program 19%

During the first year 61%

After 2 years 20%

#### Type of change

Internal Promotion 37%

Change of Company 35%

Entrepreneurship 28%

#### Salary increase

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

Salary before **53,000** 

A salary increase of

26.24%

Salary after **€ 68,644** 





### tech 48 | Benefits for Your Company

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



#### 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.



## 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.



#### **Building agents of change**

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



#### Increased international expansion possibilities

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







#### **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.



#### Increased competitiveness

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





### tech 52 | Certificate

This Postgraduate Diploma in Management and Execution of Optimized Digital Marketing Strategies using Artificial Intelligence contains the most complete and up-to-date program on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Diploma** issued by **TECH Technological University** via tracked delivery\*.

The diploma issued by **TECH Technological University** will reflect the qualification obtained in the Postgraduate Diploma, and meets the requirements commonly demanded by labor exchanges, competitive examinations, and professional career evaluation committees.

Title: Postgraduate Diploma in Management and Execution of Optimized Digital Marketing Strategies using Artificial Intelligence

Official No of Hours: 450 h.



<sup>\*</sup>Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH EDUCATION will make the necessary arrangements to obtain it, at an additional cost.



## Postgraduate Diploma

Management and Execution of Optimized Digital Marketing Strategies using Artificial Intelligence

» Modality: online

» Duration: 6 months

» Certificate: **TECH Technological University** 

» Dedication: 16h/week

» Schedule: at your own pace

» Exams: online

