

Postgraduate Certificate Investigative Journalism Through Data

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For more information please contact : 023- 1

tech global
university



Postgraduate Certificate Investigative Journalism Through Data

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

Website: www.techtitude.com/us/journalism-communication/postgraduate-certificate/investigative-journalism-through-data

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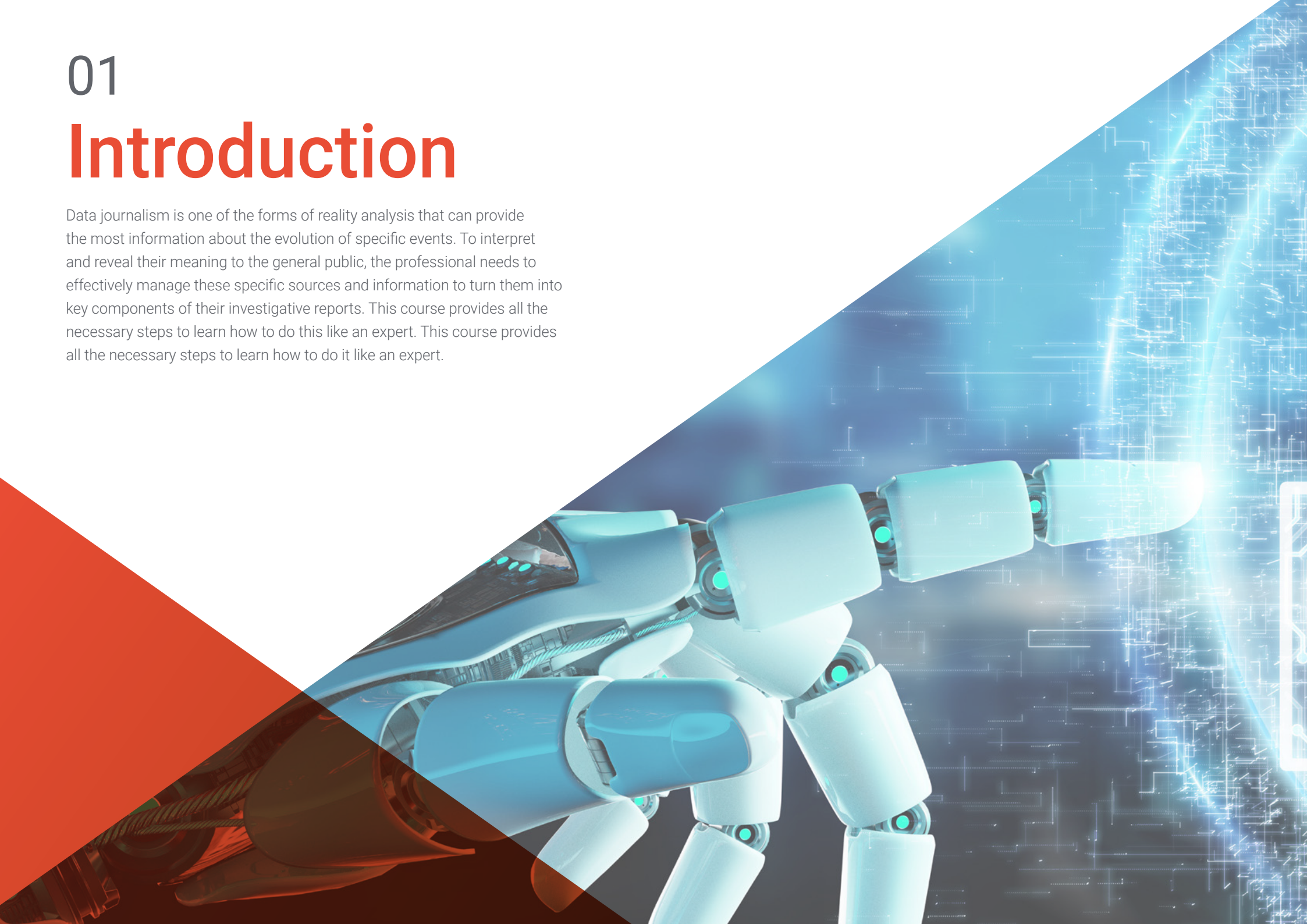
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01

Introduction

Data journalism is one of the forms of reality analysis that can provide the most information about the evolution of specific events. To interpret and reveal their meaning to the general public, the professional needs to effectively manage these specific sources and information to turn them into key components of their investigative reports. This course provides all the necessary steps to learn how to do this like an expert. This course provides all the necessary steps to learn how to do it like an expert.



BIG

DATA

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*The key elements for working in data journalism,
in a course that will turn you into an expert in the
field in just a few weeks”*

Data journalism is one of the most revealing tools that professionals can use. In social, political, or economic contexts, for example, it can become an evolving or quantitative analysis of a particular situation. To carry it out, it is essential to know how to work with databases and analyze their meaning professionally.

This course offers the necessary training to effectively use these tools, providing the guidelines that every reporter must follow to carry out investigative reporting.

This program is designed for journalists interested in the research field, specifically in Investigative Journalism through reporting. It is training that places special emphasis on learning the tools of the trade, their perspectives, and methodological paradigms.

An innovative proposal that aims to bring journalists closer to data, sources, and the various investigative techniques that will enable them to conduct high-quality journalistic investigations. Additionally, it will address the discursive and narrative aspects within this type of journalism, with an approach to current digital environments.

A look at the new trends in television within a changing digital landscape: a proposal that helps complement and understand Investigative Journalism today.

The university program will also feature a prestigious International Guest Director, who will deliver a rigorous Masterclass.

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

- ♦ The latest technology in online teaching software
- ♦ A highly visual teaching system, supported by graphic and schematic contents that are easy to assimilate and understand
- ♦ Practical cases presented by practicing experts
- ♦ State-of-the-art interactive video systems
- ♦ Teaching supported by telepractice
- ♦ Continuous updating and recycling systems
- ♦ Autonomous learning: full compatibility with other occupations
- ♦ Practical exercises for self-evaluation and learning verification
- ♦ Support groups and educational synergies: questions to the expert, debate and knowledge forums
- ♦ Communication with the teacher and individual reflection work
- ♦ Content that is accessible from any fixed or portable device with an Internet connection
- ♦ Complementary documentation banks permanently available, even after the course



A renowned International Guest Director will deliver an in-depth Masterclass that will explore the latest trends in Investigative Journalism Through Data"

“ *A contextualized and real educational program that will allow you to put your learning into practice through new skills* ”

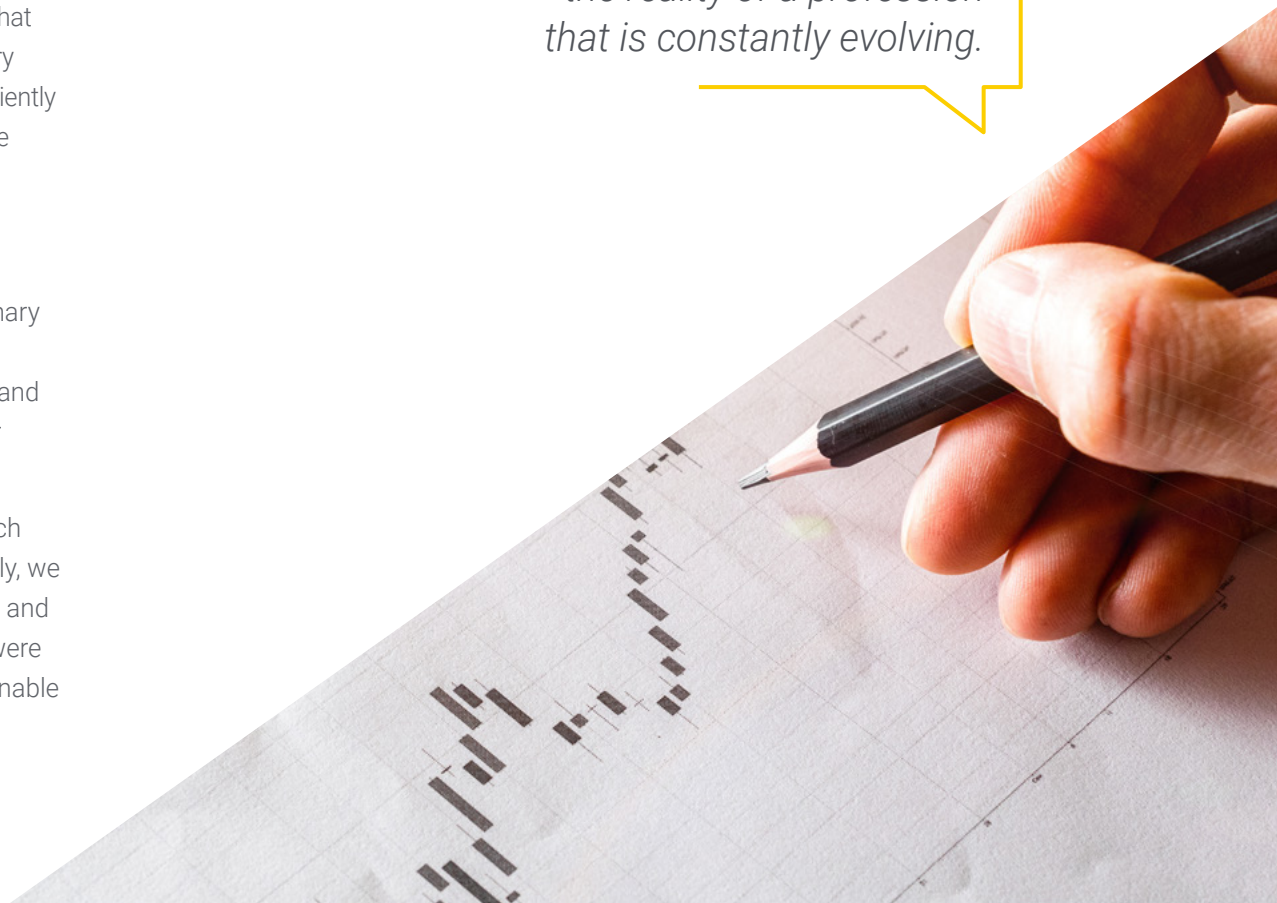
Our teaching staff is made up of working professionals. In this way, we ensure that we provide you with the educational update we are aiming for. A multidisciplinary team of trained and experienced professors from various backgrounds will efficiently develop theoretical knowledge and, most importantly, will bring to the course the practical insights derived from their own experience: one of the distinguishing qualities of this specialization.

This mastery of the subject is complemented by the effectiveness of the methodology used in the design of this course. Developed by a multidisciplinary team of e-learning experts, it integrates the latest advances in educational technology. In this way, you will be able to study with a range of easy-to-use and versatile multimedia tools that will give you the necessary skills you need for your specialization.

The design of this program is based on Problem-Based Learning: an approach that conceives learning as a highly practical process. To achieve this remotely, we will use telepractice: With the help of an innovative interactive video system, and learning from an expert, you will be able to acquire the knowledge as if you were actually dealing with the scenario you are learning about. This concept will enable you to integrate and consolidate learning in a more realistic and lasting way.

A learning experience designed to allow you to learn at your own pace, discovering the essential tools for the modern investigative journalist.

Contextual and realistic, this training will immerse you in the reality of a profession that is constantly evolving.



02 Objectives

The goal of this course is to provide you with high-quality training that is economically affordable and organizationally manageable, enabling you to achieve the greatest learning milestones in your career in the simplest way possible. With a clear objective of excellence, our program will propel you to the highest professional standards, combining your efforts with the best technical and human resources in a unique course.



MACHINE LEARNING



CRYPTOCURRENCY



UTURISTIC

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Learn to work as an expert in creating investigative reports, mastering its specific forms of planning, execution, and communication”



General Objectives

- Approach investigative journalism
- Learn the methodology of a journalistic investigation
- Learn about data journalism applied to investigative journalism
- Learn how to elaborate the narrative discourse in an investigative report
- See the way in which research is done in digital media
- Get to know the characteristics of television reports
- Learn everything about television journalism
- Define the forms of production of television reports
- Learn to be a television reporter
- Discover the new trends in current communication research



Enroll in the best Postgraduate Certificate in Investigative Journalism Through Data in today's academic landscape"





Specific Objectives

- ♦ Bring the student closer to a new concept of Journalism, Data Journalism, focusing mainly on research sources and the use of the data obtained for the study. In addition, the student will be introduced to digital tools for the presentation of data.
- ♦ Show the student the methodology and techniques of research in Journalism, taking into account the empirical nature of all social research, as well as the different stages that the whole research process must have.
- ♦ Get to know the main quantitative research techniques for Journalism as well as the Research Techniques qualitative ones, learning what is their function and what are the main types in both techniques.
- ♦ Study and know the survey as one of the main quantitative research techniques for Social Sciences and Journalism, more specifically. Learn about its features and applications.
- ♦ Study and learn about the questionnaire as another of the main quantitative research techniques for journalistic research, reviewing its main characteristics and functionalities.
- ♦ Study and learn about the in-depth interview as one of the main qualitative research techniques.
- ♦ Study and learn about the Focus Group, another of the main qualitative research techniques.
- ♦ Study and learn about participant observation as one of the main qualitative research techniques in journalistic research.

03

Course Management

TECH's philosophy focuses on offering the most comprehensive and up-to-date qualifications in the academic field, which involves a rigorous selection process to establish its teaching teams. As a result, this Postgraduate Certificate features the participation of prominent specialists in Investigative Journalism Through Data. These professionals have developed a wide range of educational materials that stand out both for their quality and for being aligned with the demands of today's job market. In this way, graduates will enjoy an immersive experience that will allow them to broaden their professional horizons.





“

The teaching team, specializing in Investigative Journalism, has designed additional hours of content to help you expand each section of the syllabus in a personalized manner”

International Guest Director

Stephen Livesey is a leading media professional with an outstanding career in **broadcasting** and **television journalism**. In fact, he has held the position of **Director at Sky**, one of the leading media companies in **Great Britain**. His experience has spanned key areas such as **broadcast television**, **content editing** and **new media**, with a focus on **investigative journalism** and **reporting**.

Throughout his career, he has held various positions at **Sky**, which has allowed him to hone his ability to **lead teams** and manage **complex projects** in the **media environment**. Internationally recognized, he has been an influential figure in **broadcasting**, winning accolades for his leadership in **Sky's** transformation to new **technologies** and **content strategies**. In turn, his ability to integrate **traditional media** with **innovative technological models** has earned him several industry accolades. Under his leadership, the company has strengthened its position as a benchmark in the **production of high-quality content**, consolidating its relevance in the competitive world of **broadcasting**.

Likewise, he has actively contributed to the academic field, participating in **conferences**, **panels** and **publications** related to **journalism** and the **media**. In addition to all of the above, he has helped to promote **journalistic excellence** and to prepare a new generation of professionals committed to **rigor** and **ethics** in **communication**.

It is worth noting that he has a **degree in History** from the University of Nottingham, a training that has influenced his ability to analyze **global and social contexts**, essential for his work in **journalism**. His in-depth understanding of **history** and **culture** has complemented his critical approach to the production and presentation of **journalistic content**.



Mr. Livesey, Stephen

- Director at Sky, London, UK
- Director of Television at Sky
- Associate Producer at Sky
- Assistant Producer at Sky
- Editorial Assistant at Sky
- Promotions Assistant at The History Channel
- BA in History from the University of Nottingham

“

Thanks to TECH, you will be able to learn with the best professionals in the world”

04

Structure and Content

The content of this Postgraduate Certificate has been developed by the different modules of the program, with a clear goal: to ensure that our students acquire all the skills necessary to become true experts in this field.

A complete and well-structured program that will take you to the highest standards of quality and success.



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All aspects of working with data in investigative journalism are covered throughout a comprehensive and engaging syllabus from start to finish”

Module 1. Data Journalism An Introduction to Investigative Journalism Through Data

- 1.1. Data Journalism I. Research Sources and Data Processing
 - 1.1.1. Introduction to Data Journalism
 - 1.1.2. Official Data Sources
 - 1.1.2.1. Official Data Sources at the International Level
 - 1.1.3. Unofficial Data Sources
 - 1.1.4. Data Journalism Formats I
 - 1.1.4.1. Internet
 - 1.1.4.2. Press, Television and Radio
- 1.2. Data Journalism II. Digital Tools for Data Presentation
 - 1.2.1. State of the Question
 - 1.2.2. Data Processing
 - 1.2.3. Data Visualization
 - 1.2.3.1. Tabular Data Visualization
 - 1.2.3.2. Relationship Visualization
 - 1.2.3.3. Visualization of Maps
 - 1.2.3.4. Java Script Visualization
- 1.3. Research Methodology and Techniques in Journalism
 - 1.3.1. Research Methodology in Social Sciences
 - 1.3.1.1. The Empirical Nature of Social Research
 - 1.3.1.2. The Scientific Method in the Social Sciences
 - 1.3.1.3. Scientific Research
 - 1.3.1.4. The Choice of the Object of Research
 - 1.3.2. Stages in the Research Process
 - 1.3.2.1. Identification, Delimitation, Definition, Description and Explanation of the Problem
 - 1.3.2.2. Formulation of Objectives and Research Questions
 - 1.3.2.3. Literature Review
 - 1.3.2.3.1. Background
 - 1.3.2.3.2. Concepts
 - 1.3.2.3.3. Theories

- 1.3.2.4. Planning the Research Design
 - 1.3.2.4.1. Sample Selection
 - 1.3.2.4.2. Type of Study
 - 1.3.2.4.3. Procedure
 - 1.3.2.4.4. Collection of Information
 - 1.3.2.5. Analytical Execution of the Investigation
 - 1.3.2.5.1. Obtaining Results
 - 1.3.2.5.2. Data Presentation
 - 1.3.2.5.3. Data Analysis
 - 1.3.2.5.4. Conclusions
 - 1.3.2.6. Writing the Research Report
- 1.4. Quantitative Research Techniques
 - 1.4.1. What is Quantitative Research?
 - 1.4.2. Characteristics
 - 1.4.3. Research Tools
 - 1.4.4. Data Collection
- 1.5. Qualitative Research Techniques
 - 1.5.1. What is Qualitative Research?
 - 1.5.2. Characteristics
 - 1.5.3. Research Tool
 - 1.5.4. Data Collection
- 1.6. The Survey
 - 1.6.1. What is the Survey?
 - 1.6.2. Characteristics
 - 1.6.3. Types
 - 1.6.4. Applications of SOFCs
- 1.7. The Questionnaire
 - 1.7.1. What is the Questionnaire?
 - 1.7.2. Characteristics
 - 1.7.3. Types
 - 1.7.4. Applications of SOFCs



- 1.8. In Depth Interview
 - 1.8.1. What is an In-Depth Interview?
 - 1.8.2. Characteristics
 - 1.8.3. Types
 - 1.8.4. Applications of SOFCs
- 1.9. Focus Group
 - 1.9.1. What is the Focus Group?
 - 1.9.2. Characteristics
 - 1.9.3. Types
 - 1.9.4. Question Script
 - 1.9.5. Applications of SOFCs
- 1.10. Participant Observation
 - 1.10.1. What is Participant Observation?
 - 1.10.2. Characteristics
 - 1.10.3. Types
 - 1.10.4. Applications of SOFCs

“All topics have been developed by experts in the field, with the foundation of work and real and contextual learning that allows you to apply what you have learned to your profession immediately”

05

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.

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*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 teaching quality, the quality of the materials, the structure of the program and its objectives is excellent. Not surprisingly, the institution became the top-rated university by its students according to the global score index, 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.

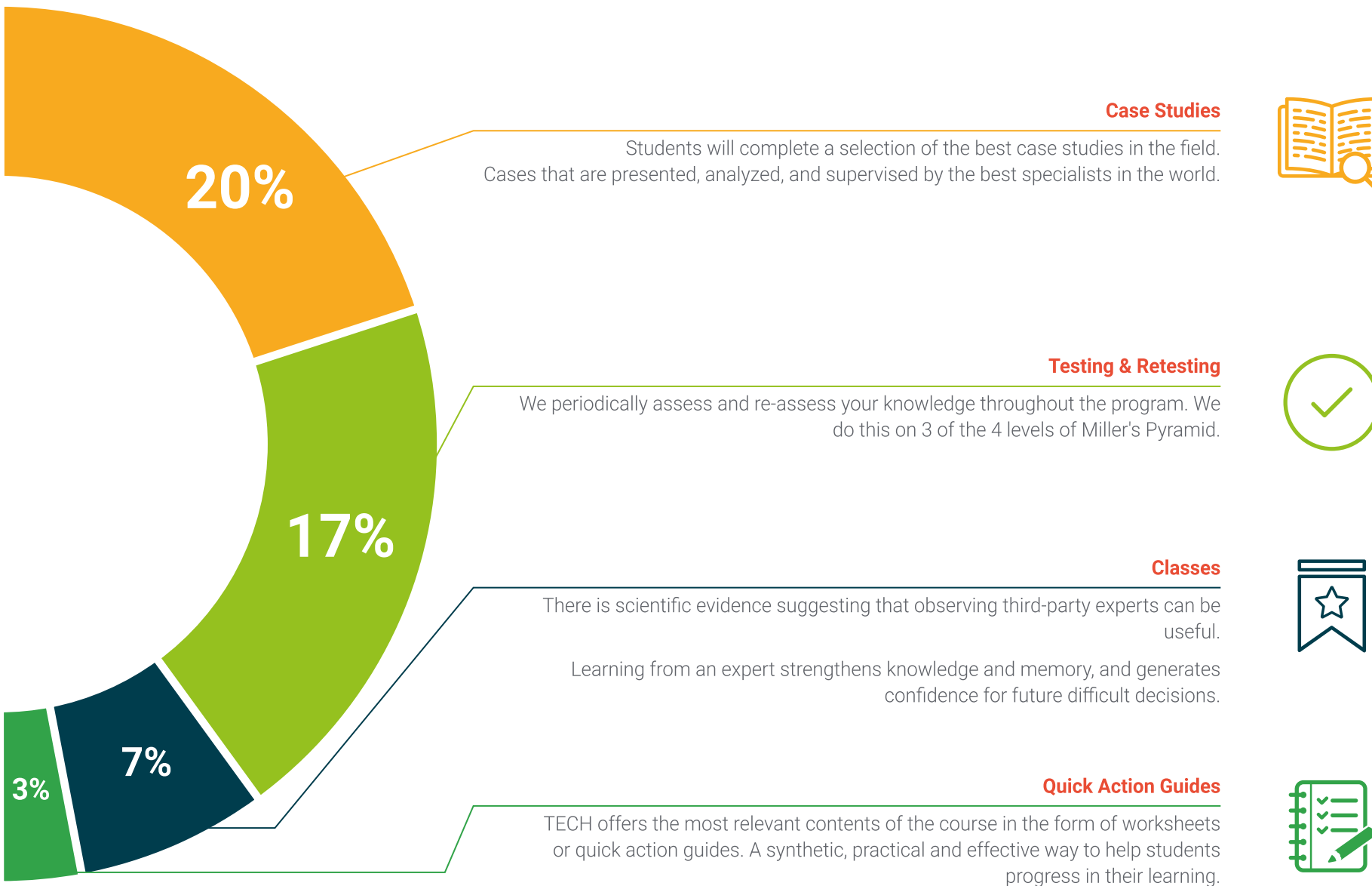
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

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





06 Certificate

The Postgraduate Certificate in Investigative Journalism Through Data guarantees students, in addition to the most rigorous and up-to-date education, access to a diploma for the Postgraduate Certificate issued by TECH Global University.



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Include a Postgraduate Certificate in Investigative Journalism Through Data on your resume and pave the way for yourself in this exciting career field”

This private qualification will allow you to obtain a diploma for the **Postgraduate Certificate in Investigative Journalism Through Data** 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 Investigative Journalism Through Data**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**



future
health confidence people
education information tutors
guarantee accreditation teaching
institutions technology learning
community commitment
personalized service innovation
knowledge present
development languages
virtual classroom



Postgraduate Certificate
Investigative Journalism
Through Data

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Postgraduate Certificate Investigative Journalism Through Data

