



Postgraduate Diploma Clinical Data Analysis and Treatment Personalization through Artificial Intelligence

» Modality: online

» Duration: 6 months.

» Certificate: TECH Global University

» Accreditation: 18 ECTS

» Schedule: at your own pace

» Exams: online

Website: www.techtitute.com/us/medicine/postgraduate-diploma/postgraduate-diploma-clinical-data-analysis-treatment-personalization-artificial-intelligence

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tech 06 | Introduction

The fundamentals of Big Data are elementary to harness the potential of information and data in the field of healthcare. Among its main applications to Medicine, the analysis of large amounts of clinical evidence stands out. For example, laboratory test results or genomic data. In this way, physicians can use these resources to diagnose diseases more accurately and predict the course of pathologies. In this way, physicians ensure more efficient treatment for their patients, as it is more tailored to individuals according to their personal needs. In addition, this massive data helps to identify outbreaks in epidemics before they spread, which implies a faster response by health authorities.

In this context, TECH implements an advanced program that will delve into the processing and analysis of text in health data. Under an eminently practical approach, the syllabus covers the advantages of AI in the health field. Therefore, the syllabus describes the most advanced methods for data retrieval, in order to subsequently carry out quality and security evaluations of the stored information. The specialization also delves into the main support systems for graduates to make clinical decisions through intelligent automation. Related to this, the specialization materials provide a holistic view of innovations in the field of surgical robotics, including the Da Vinci System.

In turn, the methodology implemented in this program reinforces its innovative character. TECH offers a 100% online educational environment, adapted to the needs of working professionals seeking to boost their skills. It also employs the Relearning teaching system, 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 a rich library of multimedia resources in different audiovisual formats such as interactive summaries and infographics.

This Postgraduate Diploma in Clinical Data Analysis and Treatment Personalization through Artificial Intelligence contains the most complete and up-to-date scientific program on the market. The most important features include:

- The development of case studies presented by experts in Artificial Intelligence in Clinical Internship
- The graphic, schematic and eminently practical contents with which it is conceived gather scientific and practical information on those disciplines that are indispensable 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



After this university program, you will be able to integrate Artificial Intelligence tools into in the Electronic Health Records to detect pathologies early and efficiently"



Through this academic pathway, you will delve into the importance of Ethics during the development of Artificial Intelligence medical systems"

The program's teaching staff includes professionals from the sector who contribute their work experience to this specializing 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 learn in 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, students will be assisted by an innovative interactive video system created by renowned and experienced experts.

You will comprehensively analyze the essential predictive models for personalized clinical practice thanks to this exclusive program.

The Relearning methodology used in this university diploma will allow you to acquire skills in an autonomous and progressive way. At your own speed!.





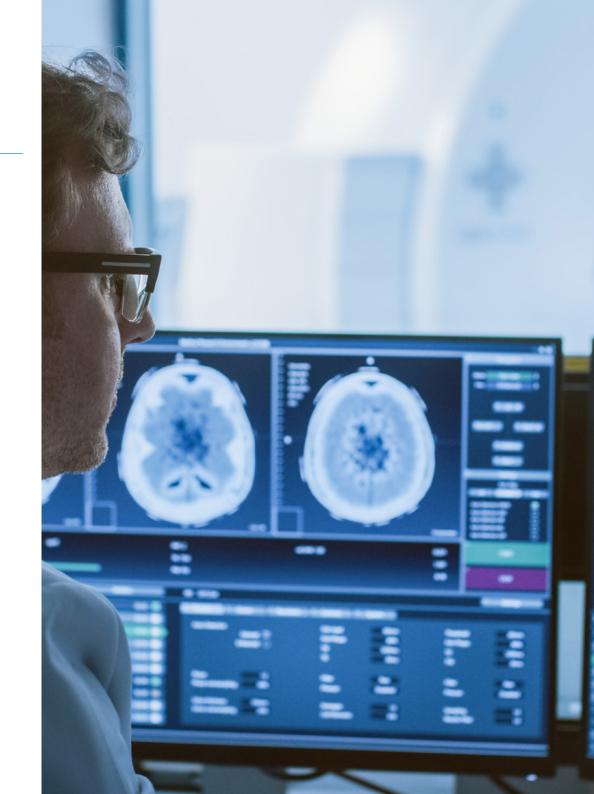


tech 10 | Objectives



General Objectives

- Understand the theoretical foundations of Artificial Intelligence.
- Study the different types of data and understand the data lifecycle
- Evaluate the crucial role of data in the development and implementation of Al solutions
- Delve into algorithms and complexity to solve specific problems
- Explore the theoretical basis of neural networks for Deep Learning development
- Analyze bio-inspired computing and its relevance in the development of intelligent systems
- Analyze current strategies of Artificial Intelligence in various fields, identifying opportunities and challenges
- Critically evaluate the benefits and limitations of AI in healthcare, identifying potential pitfalls and providing an informed assessment of its clinical application
- Recognize the importance of collaboration across disciplines to develop effective Al solutions
- Gain a comprehensive perspective of emerging trends and technological innovations in AI applied to healthcare
- Acquire solid knowledge in medical data acquisition, filtering, and preprocessing
- Understand the ethical principles and legal regulations applicable to the implementation of AI in medicine, promoting ethical practices, fairness, and transparency





Module 1. Personalization of Healthcare through AI

- Delve into emerging trends in Al applied to personalized health and its future impact
- Define AI applications for customizing medical treatments, ranging from genomic analysis to pain management
- Differentiate specific Al algorithms for the development of applications related to drug design or surgical robotics
- Delimit emerging trends in AI applied to personalized health and its future impact
- Promote innovation by developing strategies to improve health care

Module 2. Analysis of Big Data in the health sector with AI

- Acquire a solid understanding of medical data collection, filtering, and preprocessing
- Develop a clinical approach based on data quality and integrity in the context of privacy regulations
- Apply the acquired knowledge in use cases and practical applications, enabling
 to understand and solve industry-specific challenges, from text analytics to data
 visualization and medical information security
- Define *Big Data* techniques specific to the healthcare sector, including the application of machine learning algorithms for analytics
- Employ *Big Data* procedures to track and monitor the spread of infectious diseases in real time for effective response to epidemics

Module 3. Ethics and Regulation in Medical Al

- Understand the fundamental ethical principles and legal regulations applicable to the implementation of AI in medicine
- Master the principles of data governance
- · Understand international and local regulatory frameworks
- Ensuring regulatory compliance in the use of Al data and tools in the healthcare sector
- Develop skills to design human-centered Al systems, promoting equity and transparency in machine learning



You will be able to access the Virtual Campus of this program at any time and download the contents to consult them whenever you want"



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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. Martín-Palomino Sahagún, Fernando

- Telecommunications Engineer
- Chief Technology Officer and R+D+i Director at AURA Diagnostics (medTech)
- Business Development at SARLIN
- Chief Operating Officer at Alliance Diagnostics
- Chief Innovation Officer at Alliance Medical
- Chief Information Officer at Alliance Medical
- Field Engineer & Project Management in Digital Radiology at Kodak
- MBA from Polytechnic University of Madrid
- Executive Master in Marketing and Sales at ESADE
- Telecommunications Engineer from the University Alfonso X El Sabio

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Professors

Dr. Carrasco González, Ramón Alberto

- Specialist in Computer Science and Artificial Intelligence
- Researcher
- Head of Business Intelligence (Marketing) at the Caja General de Ahorros de Granada and Banco Mare Nostrum
- Head of Information Systems (Data Warehousing and Business Intelligence) at Caja General de Ahorros de Granada and Banco Mare Nostrum.
- Doctor in Artificial Intelligence by the University of Granada
- Higher Engineering Degree in Computer Science from the University of Granada

Mr. Popescu Radu, Daniel Vasile

- Pharmacology, Nutrition and Diet Specialist
- Freelance Producer of Teaching and Scientific Content
- Nutritionist and Community Dietitian
- Community Pharmacist
- Researcher
- Master's Degree in Nutrition and Health at the Open University of Catalonia
- Master's Degree in Psychopharmacology from the University of Valencia
- Pharmacist from the Complutense University of Madrid
- Nutritionist-Dietitian by the European University Miguel de Cervantes



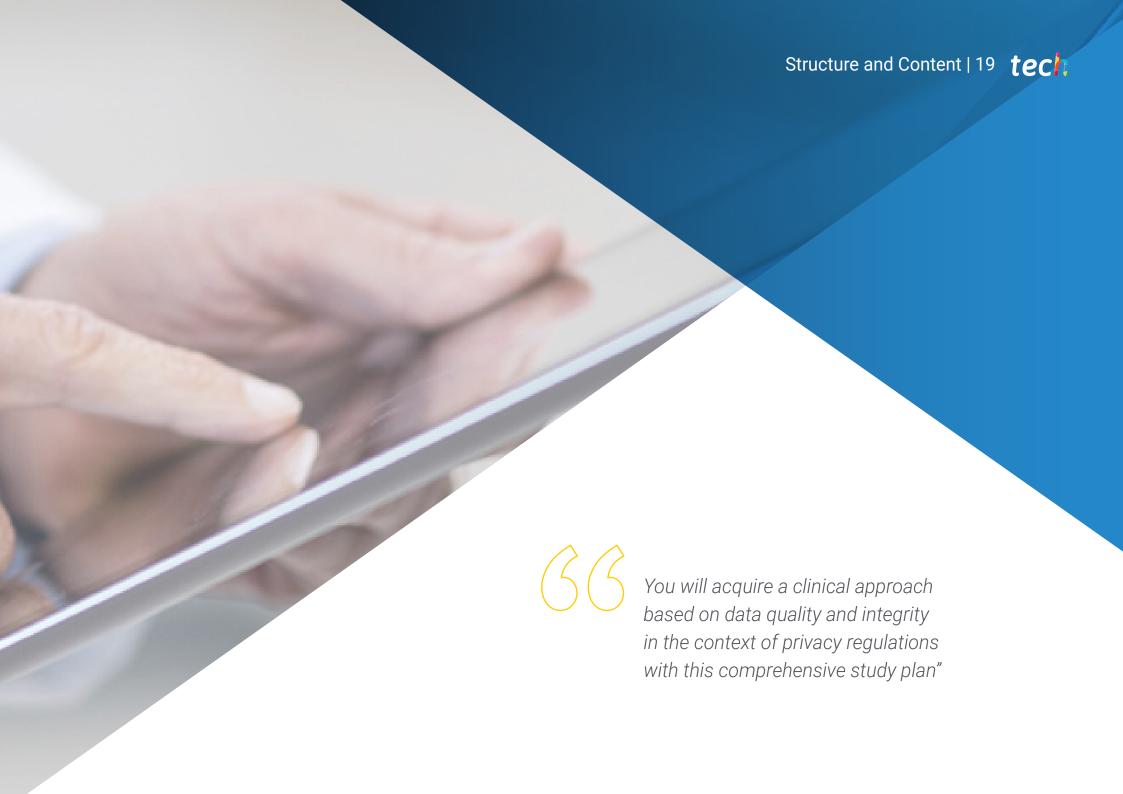






Take the opportunity to learn about the latest advances in this field in order to apply it to your daily practice"





tech 20 | Structure and Content

Module 1. Personalization of Healthcare through Al

- 1.1. Al Applications in Genomics for Personalized Medicine with DeepGenomics
 - 1.1.1. Development of AI Algorithms for the Analysis of Genetic Sequences and their Relationship with Diseases
 - 1.1.2. Use of AI in the Identification of Genetic Markers for Personalized Treatments
 - 1.1.3. Al Implementation for Fast and Accurate Interpretation of Genomic Data
 - 1.1.4. Al Tools in the Correlation of Genotypes with Drug Responses
- 1.2. Al in Pharmacogenomics and Drug Design using AtomWise
 - 1.2.1. Development of Al Models for Predicting Drug Efficacy and Safety
 - 1.2.2. Use of AI in the Identification of Therapeutic Targets and Drug Design
 - 1.2.3. Application of Al in the Analysis of Gene-Drug Interactions for Treatment Personalization
 - 1.2.4. Implementation of AI Algorithms to Accelerate the Discovery of New Drugs
- 1.3. Personalized Monitoring with Smart Devices and Al
 - 1.3.1. Development of Wearables with AI for Continuous Monitoring of Health Indicators
 - 1.3.2. Use of AI in the Interpretation of Data Collected by Smart Devices with FitBit
 - 1.3.3. Implementation of Al-Based Early Warning Systems for Health Conditions
 - 1.3.4. Al Tools for Personalization of Lifestyle and Health Recommendations
- 1.4. Clinical Decision Support Systems with Al
 - 1.4.1. Implementation of AI to Assist Physicians in Clinical Decision Making with Oracle Cerner
 - 1.4.2. Development of AI Systems that Provide Recommendations Based on Clinical Data
 - 1.4.3. Use of Al in the Evaluation of Risks and Benefits of Different Therapeutic Options
 - 1.4.4. Al Tools for Real-time Health Data Integration and Analysis





Structure and Content | 21 tech

- 1.5. Trends in Health Personalization with Al
 - 1.5.1. Analysis of the Latest Trends in AI for Healthcare Personalization
 - 1.5.2. Use of AI in the Development of Preventive and Predictive Approaches in Health
 - 1.5.3. Implementing AI in Adapting Health Plans to Individual Needs
 - 1.5.4. Exploring New Al Technologies in the Field of Personalized Health
- Advances in Al-assisted Surgical Robotics with Intuitive Surgical's da Vinci Surgical System
 - 1.6.1. Development of Surgical Robots with AI for Precise and Minimally Invasive Procedures
 - 1.6.2. Using AI to Create Predictive Disease Models Based on Individual Data
 - 1.6.3. Implementation of Al Systems for Surgical Planning and Simulation of Operations
 - 1.6.4. Advances in the Integration of Tactile and Visual Feedback in Surgical Robotics with Al
- 1.7. Development of Predictive Models for Personalized Clinical Practice
 - 1.7.1. Using AI to Create Predictive Disease Models Based on Individual Data
 - 1.7.2. Implementation of AI in Predicting Treatment Responses
 - 1.7.3. Development of Al Tools for Anticipating Health Risks
 - 1.7.4. Application of Predictive Models in the Planning of Preventive Interventions
- 1.8. Al in Personalized Pain Management and Treatment with Kaia Health
 - 1.8.1. Development of Al Systems for Personalized Pain Assessment and Management
 - 1.8.2. Use of AI in Identifying Pain Patterns and Responses to Treatments
 - 1.8.3. Implementation of AI Tools in Customizing Pain Therapies
 - 1.8.4. Application of AI in Monitoring and Adjusting Pain Treatment Plans
- 1.9. Patient Autonomy and Active Participation in Personalization
 - 1.9.1. Promoting Patient Autonomy through AI Tools for Patient Health Management with Ada Health
 - 1.9.2. Development of AI Systems that Empower Patients in Decision Making
 - 1.9.3. Using AI to Provide Personalized Information and Education to Patients
 - 1.9.4. Al Tools that Facilitate Active Patient Participation in Treatment

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- 1.10. Integration of AI in Electronic Medical Records with Oracle Cerner
 - 1.10.1. Al Implementation for Efficient Analysis and Management of Electronic Medical Records
 - 1.10.2. Development of AI Tools for Extracting Clinical Insights from Electronic Medical Records
 - 1.10.3. Using AI to Improve Accuracy and Accessibility of Data in Medical Records
 - 1.10.4. Application of AI for the Correlation of Clinical History Data with Treatment Plans

Module 2. Big Data Analysis in the Health Sector with Al

- 2.1. Fundamentals of Big Data in healthcare
 - 2.1.1. The Explosion of Data in the Health Field
 - 2.1.2. Concept of Big Data and Main Tools
 - 2.1.3. Applications of Big Data in Healthcare
- 2.2. Text Processing and Analysis in Health Data with KNIME and Python
 - 2.2.1. Concepts of Natural Language Processing
 - 2.2.2. Embedding Techniques
 - 2.2.3. Application of Natural Language Processing in Healthcare
- 2.3. Advanced Methods of Data Retrieval in Health with KNIME and Python
 - 2.3.1. Exploration of Innovative Techniques for Efficient Data Retrieval in Healthcare
 - 2.3.2. Development of Advanced Strategies for Information Extraction and Organization in Healthcare Settings
 - 2.3.3. Implementation of Adaptive and Customized Data Retrieval Methods for Various Clinical Contexts
- 2.4. Quality Assessment in Health Data Analysis with KNIME and Python
 - 2.4.1. Development of Indicators for Rigorous Assessment of Data Quality in Healthcare Settings
 - 2.4.2. Implementation of Tools and Protocols to Ensure the Quality of Data Used in Clinical Analysis
 - 2.4.3. Continuous Assessment of the Accuracy and Reliability of Results in Health Data Analysis Projects

- 2.5. Data Mining and Machine Learning in Healthcare with KNIME and Python
 - 2.5.1. Main Methodologies for Data Mining
 - 2.5.2. Health Data Integration
 - 2.5.3. Detection of Patterns and Anomalies in Health Data
- 2.6. Innovative Areas of Big Data and AI in Healthcare
 - 2.6.1. Exploring New Frontiers in the Application of Big Data and AI to Transform the Healthcare Sector
 - 2.6.2. Identifying Innovative Opportunities for the Integration of Big Data and Al Technologies in Medical Practices
 - 2.6.3. Development of Cutting-Edge Approaches to Maximize the Potential of Big Data and Al in Healthcare
- 2.7. Collection and Preprocessing of Medical Data with KNIME and Python
 - 2.7.1. Development of Efficient Methodologies for Medical Data Collection in Clinical and Research Settings
 - 2.7.2. Implementation of Advanced Preprocessing Techniques to Optimize the Quality and Utility of Medical Data
 - 2.7.3. Design of Collection and Preprocessing Strategies that Ensure the Confidentiality and Privacy of Medical Information
- 2.8. Data Visualization and Communication in Health with Tools such as PowerBI and Python
 - 2.8.1. Design of Innovative Visualization Tools in Health
 - 2.8.2. Creative Health Communication Strategies
 - 2.8.3. Integration of Interactive Technologies in Health
- 2.9. Data Security and Governance in the Health Sector
 - 2.9.1. Development of Comprehensive Data Security Strategies to Protect Confidentiality and Privacy in the Health Sector
 - 2.9.2. Implementation of Effective Governance Frameworks to Ensure Ethical and Responsible Data Management in Medical Settings
 - 2.9.3. Design of Policies and Procedures to Ensure the Integrity and Availability of Medical Data, Addressing Challenges Specific to the Healthcare Sector
- 2.10. Practical applications of Big Data in healthcare
 - 2.10.1. Development of Specialized Solutions for Managing and Analyzing Large Data Sets in Healthcare Environments
 - 2.10.2. Use of Practical Tools Based on Big Data to Support Clinical Decision Making
 - 2.10.3. Application of Innovative Big Data Approaches to Address Specific Challenges within the Healthcare Sector

Module 3. Ethics and Regulation in Medical Al

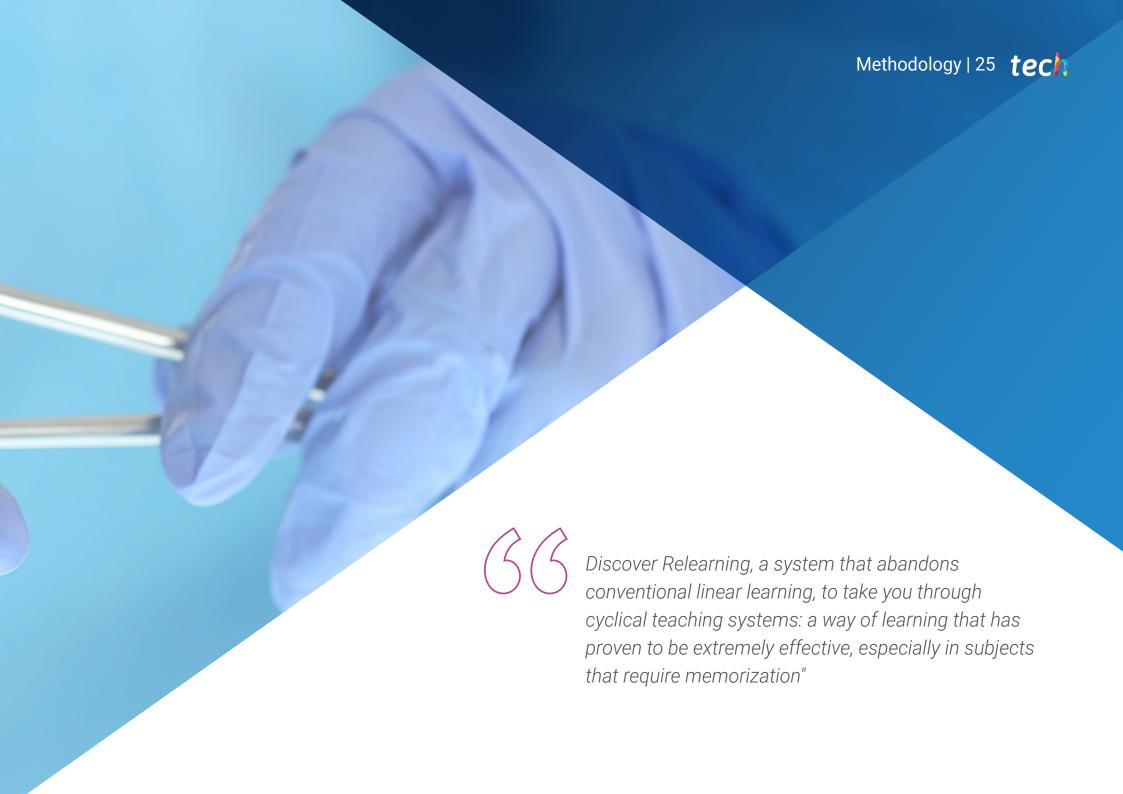
- 3.1. Ethical Principles in the Use of AI in Medicine.
 - 3.1.1. Analysis and Adoption of Ethical Principles in the Development and Use of Medical Al Systems
 - 3.1.2. Integrating Ethical Values into Al-Assisted Decision-Making in Medical Settings
 - 3.1.3. Establishing Ethical Guidelines to Ensure the Responsible Use of Artificial Intelligence in Medicine
- 3.2. Data Privacy and Consent in Medical Contexts
 - 3.2.1. Developing Privacy Policies to Protect Sensitive Data in Medical Al Applications
 - 3.2.2. Guarantee of Informed Consent in the Collection and Use of Personal Data in the Medical Field
 - 3.2.3. Implementation of Security Measures to Safeguard Patient Privacy in Medical Al Environments
- 3.3. Ethics in Research and Development of Medical Al Systems
 - 3.3.1. Ethical Evaluation of Research Protocols in the Development of Al Systems for Health
 - 3.3.2. Ensure Transparency and Ethical Rigor in the Development and Validation of Medical Al Systems
 - 3.3.3. Ethical Considerations in the Publication and Sharing of Medical AI Results
- 3.4. Social Impact and Accountability in Health Al
 - 3.4.1. Analysis of the Social Impact of AI on Health Service Delivery
 - 3.4.2. Development of Strategies to Mitigate Risks and Ethical Responsibility in Medical Al Applications
 - 3.4.3. Continuous Social Impact Assessment and Adaptation of Al Systems to Positively Contribute to Public Health
- 3.5. Sustainable Development of AI in the Health Sector
 - 3.5.1. Integration of Sustainable Practices in the Development and Maintenance of Al Systems in Health
 - 3.5.2. Environmental and Economic Impact Assessment of Al Technologies in Health
 - 3.5.3. Development of Sustainable Business Models to Ensure Continuity and Improvement of Al Solutions in the Health Sector

- B.6. Data Governance and International Regulatory Frameworks in Medical Al
 - 3.6.1. Development of Governance Frameworks for Ethical and Efficient Data Management in Medical Al Applications
 - 3.6.2. Adaptation to International Regulations to Ensure Ethical and Legal Compliance
 - 3.6.3. Active Participation in International Initiatives to Establish Ethical Standards in the Development of Medical Al Systems
- 3.7. Economic Aspects of Al in the Health Sector
 - 3.7.1. Analysis of Economic Implications and Cost-Benefits in the Implementation of Al Systems in Health
 - 3.7.2. Development of Business Models and Financing to Facilitate the Adoption of Al Technologies in the Healthcare Sector
 - 3.7.3. Assessment of Economic Efficiency and Equity in Access to Al-Driven Health Services
- 3.8. Human-Centered Design of Medical Al Systems.
 - 3.8.1. Integration of Human-Centered Design Principles to Improve Usability and Acceptance of Medical AI Systems
 - 3.8.2. Participation of Health Professionals and Patients in the Design Process to Ensure the Relevance and Effectiveness of the Solutions
 - 3.8.3. Continuous User Experience Assessment and Feedback to Optimize Interaction with AI Systems in Medical Environments
- 3.9. Fairness and Transparency in Medical Machine Learning
 - 3.9.1. Development of Medical Machine Learning Models that Promote Equity and Transparency
 - 3.9.2. Implementation of Practices to Mitigate Biases and Ensure Equity in the Application of AI Algorithms in the Field of Health
 - 3.9.3. Continuous Assessment of Equity and Transparency in the Development and Deployment of Machine Learning Solutions in Medicine
- 3.10. Safety and Policy in the Implementation of AI in Medicine.
 - 3.10.1. Development Security Policies to Protect Data Integrity and Confidentiality in Medical AI Applications
 - 3.10.2. Implementation of Safety Measures in the Deployment of AI Systems to Prevent Risks and Ensure Patient Safety
 - 3.10.3. Continuous Evaluation of Safety Policies to Adapt to Technological Advances and New Challenges in the Implementation of AI in Medicine



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.

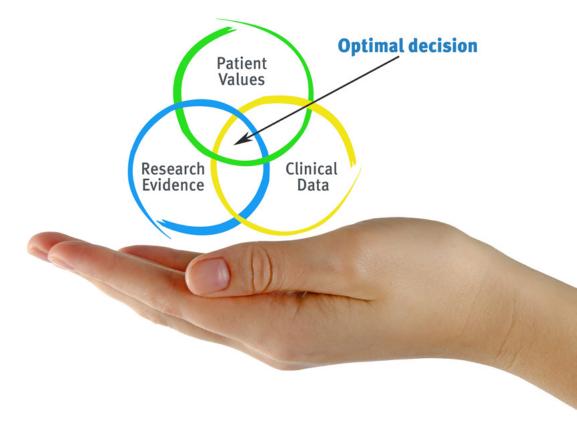


tech 26 | Methodology

At TECH Nursing School we use the Case Method

In a given situation, what should a professional do? Throughout the program, students will face multiple simulated clinical cases, based on real patients, in which they will have to do research, establish hypotheses, and ultimately resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method. Nurses learn better, faster, and more sustainably over time.

With TECH, nurses can experience a learning methodology that is shaking the foundations of traditional universities around the world.



According to Dr. Gérvas, the clinical case is the annotated presentation of a patient, or group of patients, which becomes a "case", an example or model that illustrates some peculiar clinical component, either because of its teaching power or because of its uniqueness or rarity. It is essential that the case is based on current professional life, in an attempt to recreate the real conditions in professional nursing practice.



Did you know that this method was developed in 1912, at Harvard, for law students? The case method consisted of presenting students with real-life, complex situations for them to make decisions and justify their decisions on how to solve them. In 1924, Harvard adopted it as a standard teaching method"

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

- Nurses who follow this method not only grasp concepts, but also develop their mental capacity, by evaluating real situations and applying their knowledge.
- 2. The learning process has a clear focus on practical skills that allow the nursing professional to better integrate knowledge acquisition into the hospital setting or primary care.
- 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.





Relearning Methodology

At TECH we enhance the case method with the best 100% online teaching methodology available: Relearning.

This university is the first in the world to combine case studies with a 100% online learning system based on repetition combining a minimum of 8 different elements in each lesson, which is a real revolution compared to the simple study and analysis of cases.

The nurse will learn through real cases and by solving complex situations in simulated learning environments.

These simulations are developed using state-of-the-art software to facilitate immersive learning.



Methodology | 29 tech

At the forefront of world teaching, the Relearning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best online university (Columbia University).

With this methodology we have trained more than 175,000 nurses with unprecedented success in all specialities regardless of practical workload. Our pedagogical methodology is developed in a highly competitive environment, with a university student body with a strong socioeconomic profile and an average age of 43.5 years old.

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.

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.

The overall score obtained by TECH's learning system is 8.01, according to the highest international standards.

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 really specific and precise.

These contents are then adapted in 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.



Nursing Techniques and Procedures on Video

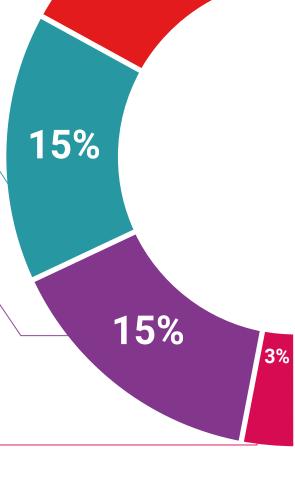
We introduce you to the latest techniques, to the latest educational advances, to the forefront of current medical techniques. All of this in direct contact with students and explained in detail so as to aid their assimilation and understanding. And best of all, you can watch them as many times as you want.



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".





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.

Expert-Led Case Studies and Case Analysis Effective learning ought to be contextual. Therefore, TECH presents real cases in which the expert will guide students, focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.



Testing & Retesting



The student's knowledge is periodically assessed and re-assessed throughout the program, through evaluative and self-evaluative activities and exercises: in this way, students can check how they are doing in terms of achieving their goals.

Classes



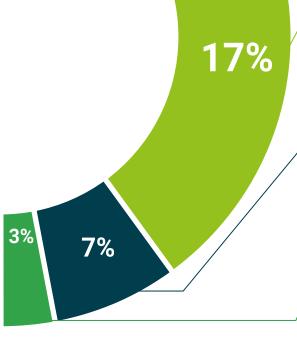
There is scientific evidence suggesting that observing third-party experts can be useful.

Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.

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.







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This private qualification will allow you to obtain a **Postgraduate Diploma in Clinical Data Analysis and Treatment Personalization through 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 Clinical Data Analysis and Treatment Personalization through Artificial Intelligence

Modality: online

Duration: 6 months

Accreditation: 18 ECTS



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

tech global university



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