Postgraduate Certificate

Artificial Intelligence-Assisted Translation Tools and Platforms

tech technological university

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Postgraduate Certificate
Artificial Intelligence-Assisted Translation Tools and Platforms

- Modality: **online**
- Duration: **6 weeks**
- Certificate: TECH Technological University
- Schedule: **at your own pace**
- Exams: **online**

Website: **www.techtitute.com/us/artificial-intelligence/postgraduate-certificate/artificial-intelligence-assisted-translation-tools-platforms**

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01

Introduction

Artificial Intelligence-Assisted Translation Tools and Platforms are revolutionizing the linguistic landscape, offering faster and more accurate solutions. In fact, among the most prominent is DeepL, recognized for its high quality in translating complex texts, albeit with a limited number of languages. On the other hand, Google Translate remains a popular choice, capable of handling translations in more than 100 languages, including voice and text translation functions, making it accessible and easy to use for the general public. In this context, TECH has created a complete online program, which adapts perfectly to the work and personal schedules of the graduates, always using the innovative methodology called Relearning.

With this 100% online Postgraduate Certificate, you will gain in-depth knowledge of the most advanced AI tools in computer-assisted translation, allowing you to improve your efficiency and productivity at work"

Artificial Intelligence-Assisted Translation Tools and Platforms are revolutionizing the way multilingual communication is carried out. Tools such as DeepL and Google Translate have gained popularity, thanks to their ability to provide accurate, real-time translations in over 100 languages.

This is how this Postgraduate Certificate was created, in which professionals will become familiar with the main TAIA tools and platforms, including machine translation software, translation memories and project management systems. This knowledge will enable them to effectively integrate these technologies into their workflow, improving their ability to manage translation projects more efficiently and effectively.

They will also use specialized dictionaries, glossaries and terminology databases, thus optimizing their productivity and ensuring consistency in translation. By understanding how to access and apply these resources, experts will not only improve the quality of their translations, but also reduce the time spent on terminology research and proofreading, resulting in a more streamlined process.

Finally, students will be able to solve common problems in the use of TAIA tools and adapt their approaches to different translation contexts. This comprehensive approach will ensure that, by the end of the program, they will not only have a solid theoretical foundation, but also the practical skills needed to excel in a professional environment increasingly influenced by Artificial Intelligence.

In this way, TECH has developed a comprehensive, fully online program, which only requires an electronic device with an Internet connection to access all educational materials. This eliminates problems such as travel to a physical location and the need to follow a rigid schedule. Additionally, it will be based on the innovative Relearning methodology, focused on the continuous repetition of key concepts to promote optimal assimilation of the contents.

The **Postgraduate Certificate in Artificial Intelligence-Assisted Translation Tools and Platforms** contains the most complete and up-to-date program on the market. The most important features include:

- The development of case studies presented by experts in Artificial Intelligence applied to Translation and Interpreting
- The graphic, schematic and practical contents with which it is conceived provide practical information on those disciplines that are essential for professional practice
- Practical exercises where the self-assessment process can be carried out to improve learning
- Its special emphasis on innovative methodologies
- Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- The availability of access to the contents from any fixed or portable device with an Internet connection

Don't miss this unique opportunity that only TECH offers you! By integrating language resources and databases into TAIA platforms, you will ensure greater consistency and accuracy in your translations"

You will be equipped with technical knowledge of TAIA tools, understanding how these technologies can be effectively integrated into your workflow. With all the guarantees of TECH quality!"

You will examine the functionalities of various AI applications that facilitate the translation process, such as machine translation systems, translation memories and interactive glossaries.

You will develop skills to manage and apply computer-assisted translation tools and platforms effectively, increasing your productivity and improving the consistency and quality of translations.

The program's teaching staff includes professionals from the industry who contribute their work experience to this 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 experts in the field of educational coaching with extensive experience.

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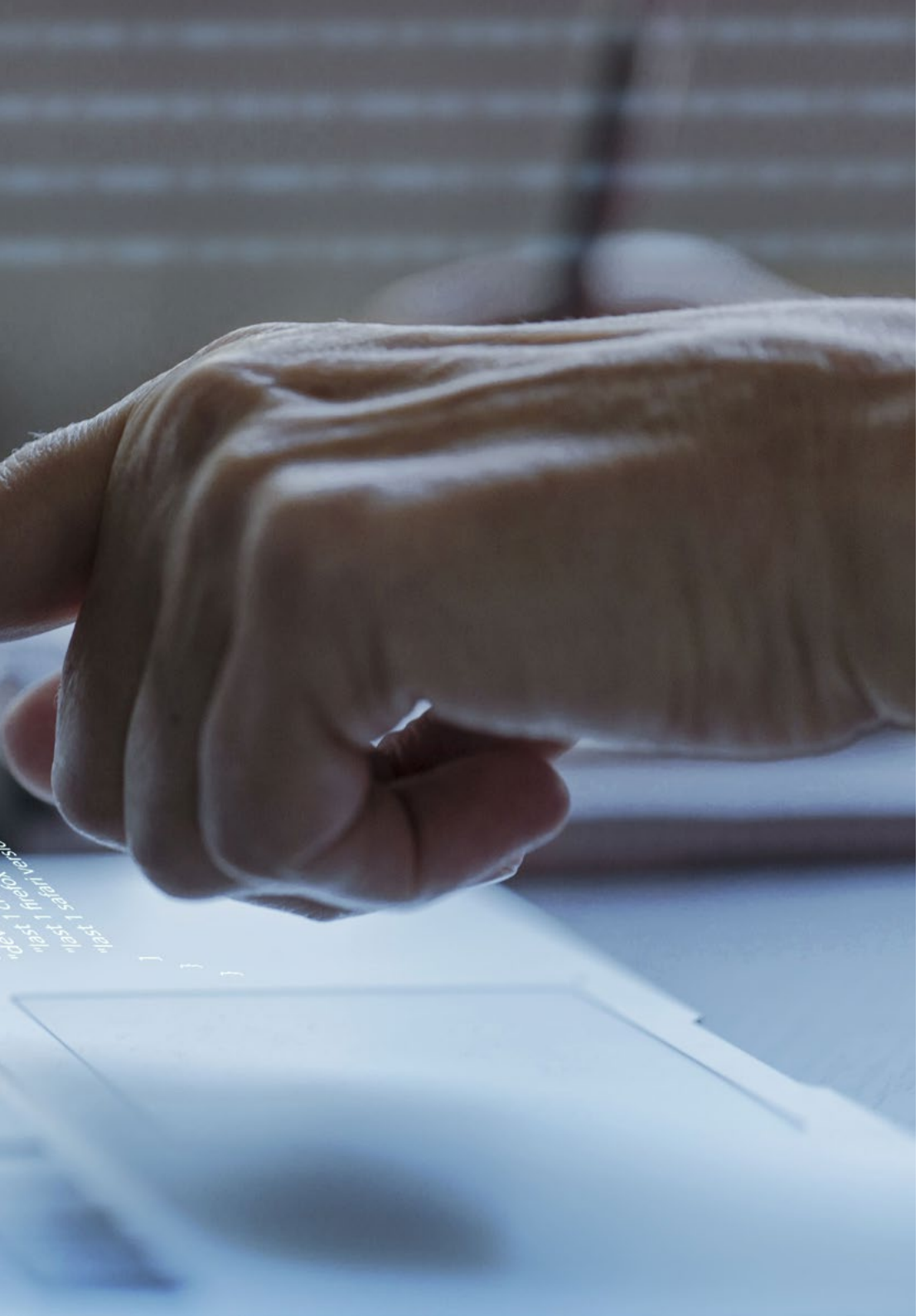
Objectives

The main objective of the program will be to train professionals in the efficient and effective use of advanced translation technologies, providing them with the necessary skills to integrate them into their professional workflow. This will include familiarization with the main TAIA tools, as well as the use of linguistic resources and databases to optimize the quality and consistency of their translations. In addition, a critical understanding of the ethical and professional implications of the use of Artificial Intelligence in translation will be fostered, preparing graduates to face the challenges of today's job market.

You will acquire an in-depth knowledge of the main TAIA tools and their integration into professional workflows, through the best didactic materials, at the forefront of technology and education"

General Objectives

- Become skilled in the use of the main AI-assisted translation platforms and tools, integrating them effectively into the professional workflow
- Develop criteria and methods for assessing the quality of translations and interpretations performed with AI tools
- Integrate AI tools and platforms into the workflow of translators and interpreters, optimizing productivity and consistency
- Train in identifying and resolving ethical and social challenges related to the use of Artificial Intelligence in translation and interpreting
- Explore and implement innovations in the field of AI-assisted translation and interpretation, anticipating emerging trends
- Equip yourself with the necessary skills to lead projects and teams in the implementation of AI solutions in the field of translation and interpreting



Specific Objectives

- Familiarize yourself with the main AI-assisted translation tools and platforms (TAIA) and learn how to integrate them into your professional workflow
- Learn how to integrate linguistic resources and databases into TAIA tools, optimizing translation productivity and consistency

You will adapt to a constantly evolving work environment, where Artificial Intelligence plays a crucial role, preparing you to face the challenges of the global market. What are you waiting for to enroll?"

03

Course Management

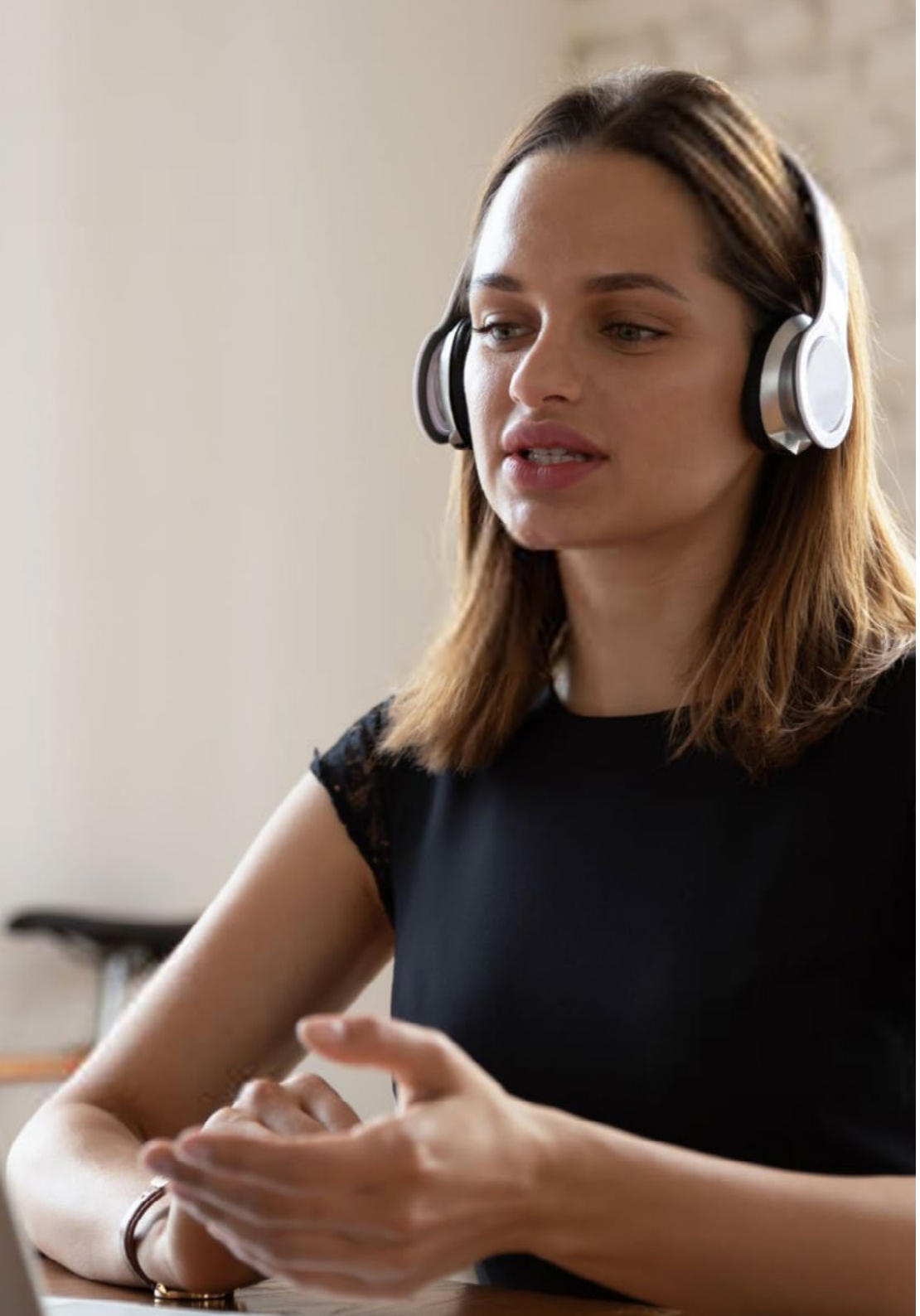
The teachers are highly qualified professionals, with solid academic training and extensive experience in the field of translation and technology. In fact, they have advanced degrees in linguistics, translation and related areas, as well as specializations in the use of TAIA tools and in the application of Artificial Intelligence in the linguistic field. In addition, their pedagogical approach will combine theory and practice, facilitating the acquisition of technical and strategic competencies that graduates will need to integrate into the labor market.

Teachers are committed to educational innovation and constant updating of their knowledge, offering an up-to-date perspective on trends and challenges in AI-assisted translation"

Management

Dr. Peralta Martín-Palomino, Arturo

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



Professors

Ms. Martínez Cerrato, Yésica

- Responsible for Technical Training at Securitas Seguridad España
- Education, Business and Marketing Specialist
- Product Manager in Electronic Security at Securitas Seguridad España
- Business Intelligence Analyst at Ricopia Technologies
- Computer Technician and Responsible for OTEC computer classrooms at the University of Alcalá de Henares
- Collaborator in the ASALUMA Association
- Degree in Electronic Communications Engineering at the Polytechnic School, University of Alcalá de Henares

Ms. Del Rey Sánchez, Cristina

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

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Structure and Content

The university program will cover a wide range of essential content, starting with an introduction to the main TAIA tools and looking at machine translation platforms, translation memories and project management applications. Emphasis will also be placed on the integration of linguistic resources, such as databases and glossaries, to optimize the quality and consistency of translations. In addition, real case studies will be conducted, facilitating the acquisition of technical and strategic skills for the effective implementation of these tools in a professional environment.

You will address ethical considerations and the implications of the use of Artificial Intelligence in the translation process, preparing you for a future where technology and creativity complement each other in professional practice"

Module 1. AI-Assisted Translation Tools and Platforms

1.1. Introduction to AI-Assisted Translation Tools and Platforms
- 1.1.1. Definition and Basic Concepts
- 1.1.2. Brief History and Evolution
- 1.1.3. Importance and Benefits in Professional Translation

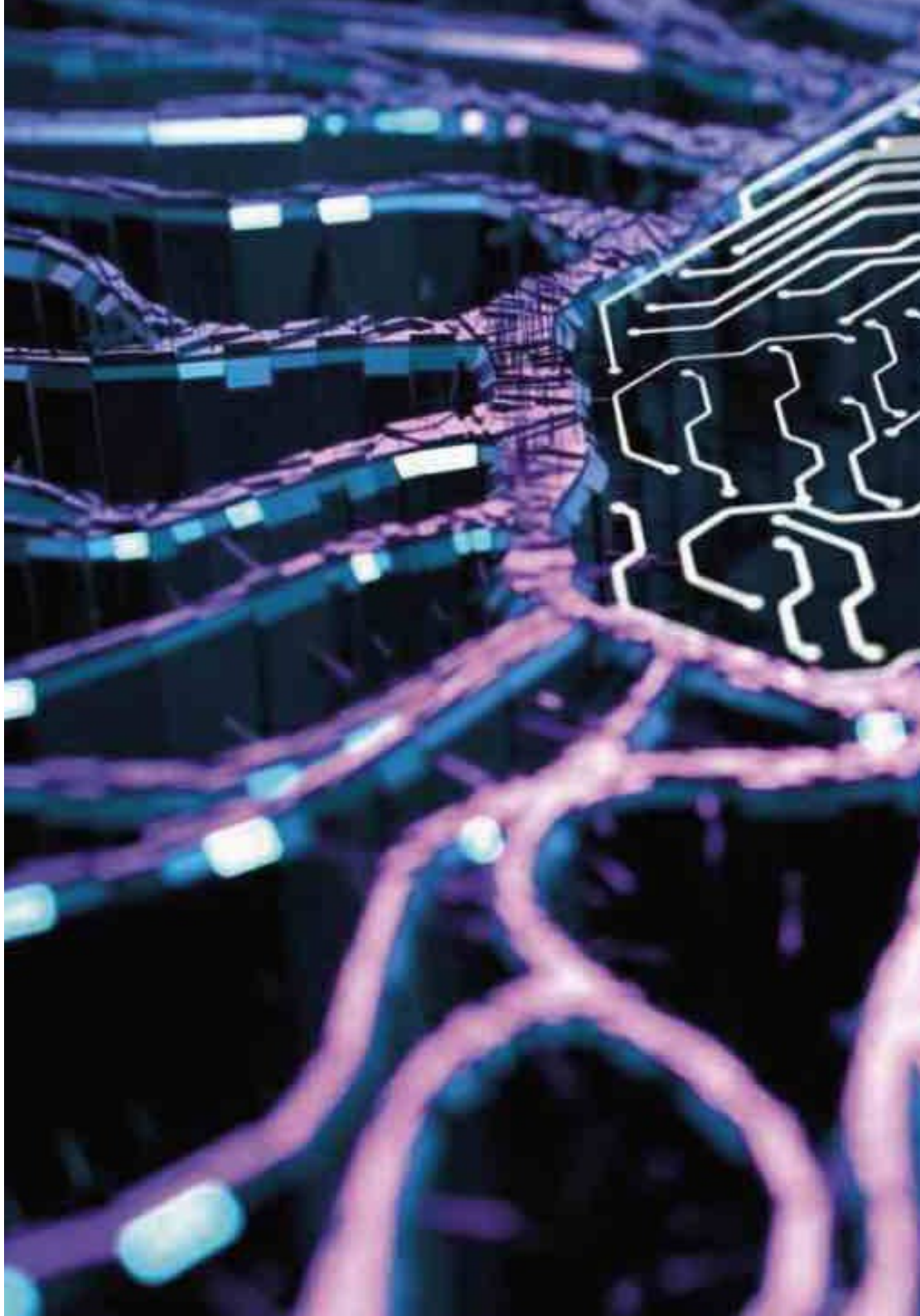
1.2. Main AI-Assisted Translation Tools
- 1.2.1. Description and Functionalities of the Leading Tools on the Market
- 1.2.2. Comparison of Features and Prices
- 1.2.3. Use Cases and Practical Examples

1.3. Professional AI-Assisted Translation Platforms. Wordfast
- 1.3.1. Description of Popular AI-Assisted Translation Platforms
- 1.3.2. Specific Functionalities for Translation Teams and Agencies
- 1.3.3. Integration with Other Project Management Systems and Tools

1.4. Machine Translation Models Implemented in AI-Assisted Translation Tools
- 1.4.1. Statistical Translation Models
- 1.4.2. Neural Translation Models
- 1.4.3. Advances in Neural Machine Translation (NMT) and Its Impact on AI-Assisted Translation Tools

1.5. Integration of Linguistic Resources and Databases in AI-Assisted Translation Tools
- 1.5.1. Using Corpus and Linguistic Databases to Improve Translation Accuracy
- 1.5.2. Integrating Specialized Dictionaries and Glossaries
- 1.5.3. Importance of Context and Specific Terminology in AI-Assisted Translation

1.6. User Interface and User Experience in AI-Assisted Translation Tools
- 1.6.1. User Interface Design and Usability
- 1.6.2. Customization and Preference Settings
- 1.6.3. Accessibility and Multilingual Support on AI-Assisted Translation Platforms



1.7. Quality Assessment in AI-Assisted Translation
- 1.7.1. Translation Quality Assessment Metrics
- 1.7.2. Machine vs. Human Evaluation
- 1.7.3. Strategies to Improve the Quality of AI-Assisted Translation

1.8. Integration of AI-Assisted Translation Tools into the Translator's Workflow
- 1.8.1. Incorporation of AI-Assisted Translation Tools into the Translation Process
- 1.8.2. Optimizing Workflow and Increasing Productivity
- 1.8.3. Collaboration and Teamwork in AI-Assisted Translation Environments

1.9. Ethical and Social Challenges in the Use of AI-Assisted Translation Tools
- 1.9.1. Biases and Discrimination in Machine Translation
- 1.9.2. Privacy and Security of User Data
- 1.9.3. Impact on the Translation Profession and on Linguistic and Cultural Diversity

1.10. Future of AI-Assisted Translation Tools and IA. Wordbee
- 1.10.1. Emerging Trends and Technological Developments
- 1.10.2. Future Prospects and Potential Innovative Applications
- 1.10.3. Implications for Training and Professional Development in the Field of Translation

Not only will you enrich your professional skills, but you will also gain a competitive edge in an increasingly demanding field, thanks to an extensive library of innovative multimedia resources"

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.

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

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.

Relearning Methodology

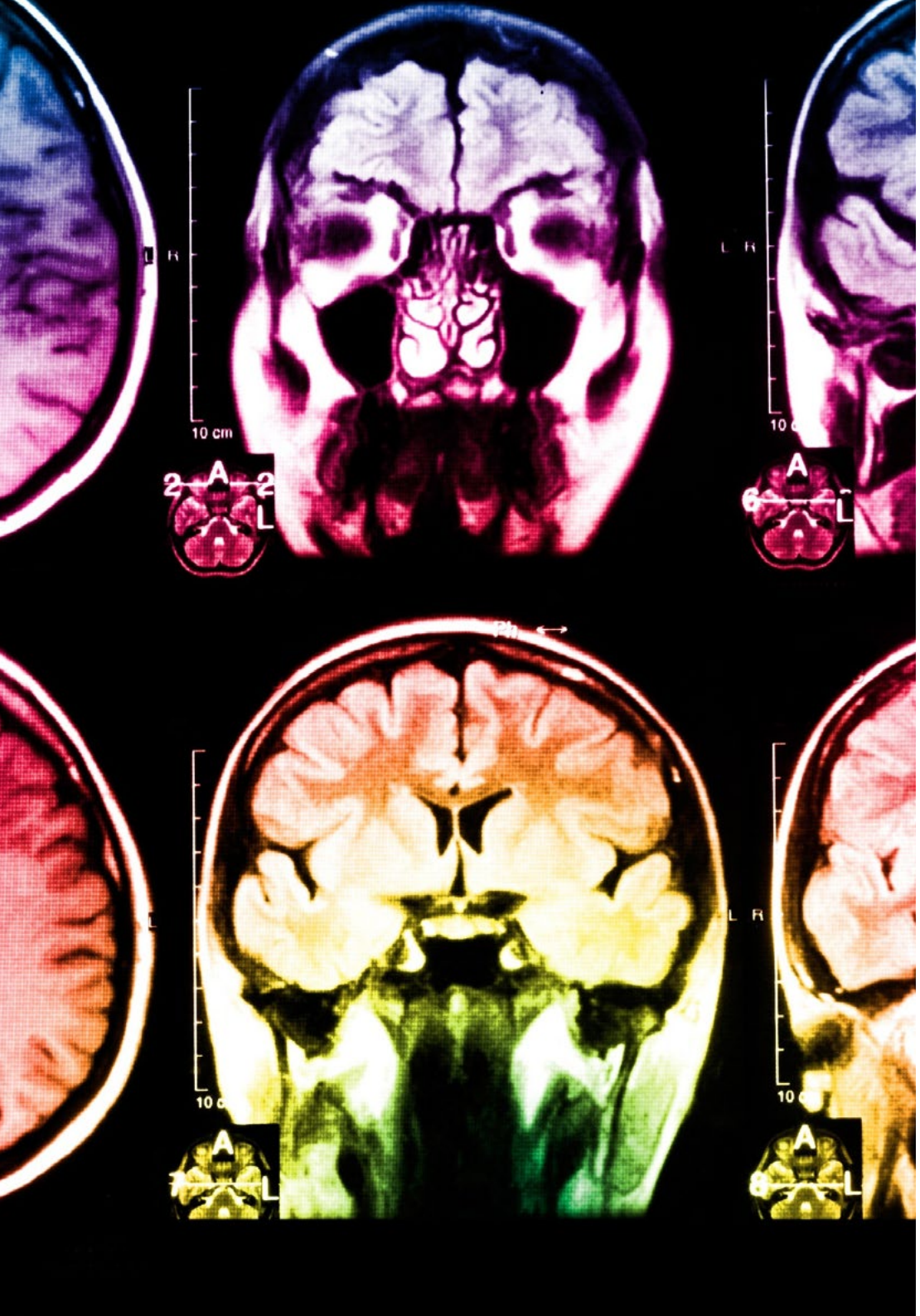
TECH effectively combines the Case Study methodology with a 100% online learning system based on repetition, which combines different teaching elements in each lesson.

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.



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.

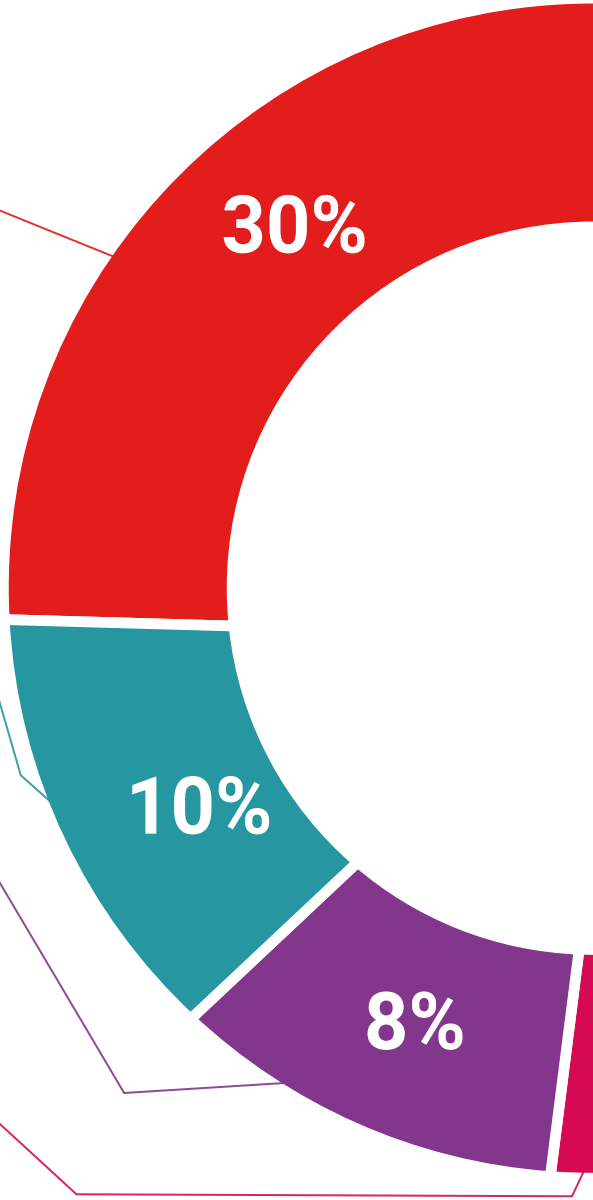
Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.

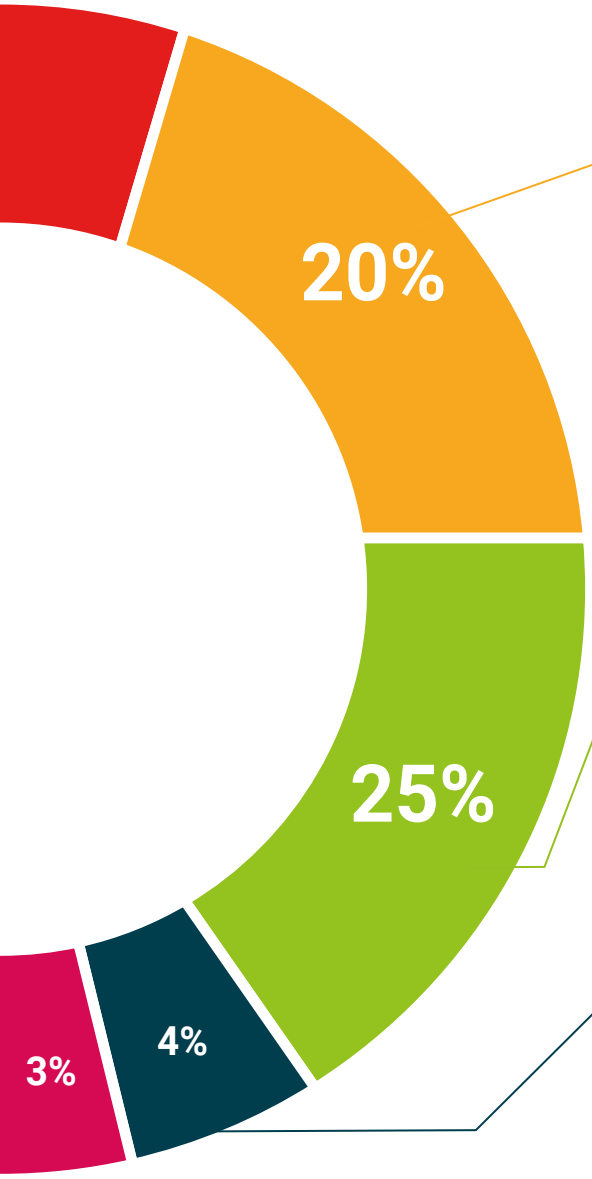
Practising Skills and Abilities

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.





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 Artificial Intelligence-Assisted Translation Tools and Platforms guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.

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

This **Postgraduate Certificate in Artificial Intelligence-Assisted Translation Tools and Platforms** contains the most complete and up-to-date scientific program on the market.

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

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

Title: **Postgraduate Certificate in Artificial Intelligence-Assisted Translation Tools and Platforms**

Modality: **online**

Duration: **6 weeks**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Awards the following

DIPLOMA

to

Mr./Ms. _____, with identification number _____.

For having passed and accredited the following program

POSTGRADUATE CERTIFICATE

in

Artificial Intelligence-Assisted Translation Tools and Platforms

This is a qualification awarded by this University, equivalent to 150 hours, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH is a Private Institution of Higher Education recognized by the Ministry of Public Education as of June 28, 2018.

June 17, 2020

Tere Guevara Navarro

Dean

Unique TECH Code: AFWORD23S techtitute.com/certificates

*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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Postgraduate Certificate

Artificial Intelligence-Assisted Translation Tools and Platforms

- Modality: **online**
- Duration: **6 weeks**
- Certificate: TECH Technological University
- Schedule: **at your own pace**
- Exams: **online**

Postgraduate Certificate

Artificial Intelligence-Assisted Translation Tools and Platforms

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