EUROPEAN GLOBAL

Institute of Innovation & Technology

MS DATA SCIENCE & AI

Project based learning for immediate Data Science Jobs



Punchbowl Centre Elija Zammit Street San Ġiljan, STJ 3154, Malta.

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PROGRAM OVERVIEW

MS Data Science & AI provides huge career growth. The data science industry is booming, with job opportunities projected to increase by 36 percent by 2031. As data and technology become integral to various sectors such as healthcare, digital marketing, financial services, technology, retail, media, and telecommunications, the demand for professionals who can manage and interpret this data continues to rise.

Our MS Data Science & AI programme is designed and quality assured by doctoral and post-doctoral Professors along with industry experts with huge experience. Learners study 12 modules and a Capstone Consulting Project with an industry mentor. All modules are assessed using project based assignment, and a Capstone Consulting Project and a Master Thesis towards the end of the programme with an industry mentor.

KEY FEATURES **OF PROGRAM**

Project Based Learning

Apply your learning directly, honing your skills with practical tools.

Industry Certification

All our learners will be provided coaching to clear reputed industry certifications such as **IBM, AWS, Microsoft, Infosys, etc**.

Invitation to EU Job Fair

Join us for a thrilling EU Job Fair packed with opportunities to connect with top employers across Europe.

Lifelong Upskilling

Your gateway to continuous skill development, updated monthly with fresh, relevant content.

Free Generative AI Course

All our learners will be provides a Free Course on Applied Generative AI for Digital Transformation with verifiable EU Certificate.



PROGRAM **OUTCOMES**

Strong foundation

Graduates should have a solid understanding of data storage, processing, and management tools

Increased job opportunities

Pursue careers in various industries like finance, marketing, technology, and consulting, where demand for data-driven professionals is high.

Master business analytics

Gain expertise in data analysis, visualization, statistics, machine learning, and data mining.

Enhanced salary potential

Earning an advanced degree in this field can lead to significant salary increases compared to professionals with only a bachelor's degree.

Communicate effectively

Gain expertise in data analysis, visualization, statistics, machine learning, and data mining.

Improved professional network

Building valuable professional networks that can aid career growth.



OUR MENTORS



Prof. Dr. Sakkaravarthi Ramanathan

Post-Doctorate, CNRS, France II PhD, University of Rennes France Telecom, France



Prof. Kosmas O. Kosmopoulos

MSc in Computer Networks from Middlesex University II MBA in Higher Education Management from the Institute of Education, UK



Prof. László GRAD-GYENGE

PhDc, Artificial Intelligence, Vienna University of Technology, Austria II Master of Science, Mathematics and Computer Science, Eötvös Loránd University, Hungary



Prof. Premalatha T

Master of Science, Artificial Intelligence, University of Texas at Austin II Lead NLP Corporate Trainer



Arkadii Vyhivskyi

Head of Robotics Process Automation, Raiffaesen Bank, Ukraine II Blue Prism Expert



Dr. Marco Alberto Javarone

PhD Computer Eng & PhD Mathematics, University of Cagliari II MSc, Mathematical Modelling, UCL, London



M V Yugandhar

Chief Data & Analytics Officer at NABARD II Indian Institute of Technology II IIM



Prof. Abhay Sharma

Data Scientist, McKinsey



Mr. Husain

Ex-Lead Data Scientist at GE & Microsoft



INSTITUTE OVERVIEW

About Us

European Global Institute of Innovation & Technology (EU Global), is an accredited Institution of Higher Education, founded with a vision of providing high-quality, accredited education to global learners, enhancing their employability and global mobility. Our teaching andragogy emphasises project-based learning with a focus on evidence-based reflection, enabling the application of conceptual frameworks in real-world decision making.

We truly believe in building future competencies with quality education that promotes lifelong employability globally. Our competency Lab offers research, entrepreneurial, sustainability and professional competencies to develop soft skills that formulate attitude and interactions required to be the future leader.

WHY CHOOSE US?

We are a Europe-based Professors and industry experts driven institution who speak 7+ languages, and guide students for study and employment in the USA, Canada, UK, Germany, Australia, France and many more, alongside offering online programs.

Our USP's

Quality Education
We bring in several Europe based institutions' expertise in offering programs.
For on-campus, we prepare students for eliminating skills gap for better employability.

Recognised Degrees
We offer well-recognised programs and skills development at same time.

Global Career with our internships
All our programs offer guaranteed internships and refernce letters from industry experts.

Key Data

All facts and figures for your degree programme at a glance

- **Accreditation: MFHEA Accredited**
- **MQF/EQF: Level 7 Qualification**
- **Mode of Delivery: 100% Online**
- **ECTS Credits: 90 ECTS**
- **Mode: Full- time/ Part-time**
- **Programme Duration: Level 7 Qualification**
- **Language of Instruction: English**
- **Dates of Intakes: 1st Of Every Month**

Be Globally Employable

Internship Projects

- Sloan Technologies FZCO, UAE
- BrickRed Systems, USA
- Creo Group, Hungary
- Venlo Group, Malta
- and many more...

Global Immersion

- All our learners are provided with an opportunity for an optional Immersion or student exchange in Paris or Europe.

Research residency

- Build your portfolio with peer-reviewed publications, conference presentations and patents. Our team is an expert and amongst editors of reputed Journals.

Entrepreneurship Residency

- Identify opportunities, raise funding or incubation of your business idea, we facilitate it all!

Competency Enhancement Lab

- MS Excel, LinkedIn profile, CV, interview preparation, Critical thinking skills, etc Our Lab prepares learners for life.

OUR **ACCREDITATIONS**

All our programmes are recognised globally!

MQF
MALTA QUALIFICATIONS FRAMEWORK

ENQA
EUROPEAN ASSOCIATION FOR QUALITY ASSURANCE IN HIGHER EDUCATION

ECTS

European Qualifications Framework


Certificate No. XXXXX

EUROPEAN GLOBAL

an institution of European Global Varsity

(License No. 2024 - 018, Higher Education Institution)

at its "Department of Technology" acting on the recommendation and consent of the Honourable Board has conferred on

Marceline Anderson

the degree qualification of

MS Data Science & Artificial Intelligence

(90 ECTS, MQF/EQF Level 7 in 18 months)

In witness whereof, the authority duly committed to us, we hereby place our name and seal on

7th June, 2024

SAMPLE

Dr. Kavita Gupta

Malta Further & Higher Education Authority

The Malta Further and Higher Education Authority (MFHEA) accredits this certificate to be at (MQF Level 7 of the Programme) (90 ECTS) of the Malta Qualifications Framework and the European Qualifications Framework.

VISION & MISSION

Our vision is to empower every learner, fostering their role as co-creators of knowledge in an inclusive, online, and blended educational landscape.

Our mission is to equip individuals with the skills needed for the evolving workforce, fostering lifelong learning through adaptable online and blended education, ensuring global employability in an ever-changing job market



LEARNING PATH

MODULE 1
Statistic For Data Science

MODULE 2
Mathematics for Data Science

MODULE 3
Python Programming For Analytics

MODULE 4
Data Visualization & Storytelling with Tableau

MODULE 5
Computer Vision & Image Recognition

MODULE 6
Convolutional & Recurrent Neural Networks

MODULE 7
Machine Learning Method using Python

MODULE 8
Artificial Intelligence & Machine Learning

MODULE 9
Natural Language Processing

MODULE 10
BigData & NoSQL

MODULE 11
Data Warehousing & Management

Research Methods

Capstone Consulting Project

CERTIFICATE

PROGRAM TOOLS

Our students master in-practice **Data Science and AI tools** such as Matplotlib, Pandas, NumPy, Scikit-learn, TensorFlow, R, Python etc., and concepts such as Data science and statistical concepts, Programming with Python, SQL, NoSQL, Artificial Intelligence, Machine Learning, Big Data, Natural Language Processing, Deep Learning, Computer Vision.



- 12+ mini-projects and a Consulting Project with Thesis
- Research Residency & Patent Conclave
- Industry Networking & Career Coaching
- AWS & Microsoft Industry Certification counselling

PLACEMENT

Our alumni work in following companies



TRAINING OPPORTUNITIES

Technology

Generative AI
Deep Learning
Neural Network
Computer Vision
Natural Language Processing
Programming for Data Science
Analytics - Marketing, Healthcare, Finance, Supply chain and operations, etc.
Information Technology & Networking
Data Visualisation using Tableau
Big Data - Hadoop, Spark, Apache, Hive, Zookeeper
RPA (Blue Prism)
Robotics Programming (RoS)

Healthcare

Public Health
Maternal & Child Health
Preventive Oncology
One Health and Planetary Health
Dental Public Health
Health Management
Sexual and Reproductive Health
Public Health Leadership
Health Economics
Preventive Oncology

Leadership

Design Thinking
Sustainability, Energy & Environment
Good Design Sprint (Innovation & Entrepreneurship)
Digital Transformation
Global Mindset
Tech in Business

Faculty

AI and ChatGPT for Educators
Learning Outcomes: Program and Curriculum design
Adult and lifelong learning techniques such as reflective writing, action research
Assessments - various types and value and use of rubrics

Please email at:
connect@euglobal.edu.eu
for customised training requests

APPLICATION PROCESS

Who Should Enroll?

- Professionals with a bachelor's degree in a related fields.
- Those seeking to transition into a data-driven field.
- Professionals aiming for leadership roles in data-driven organizations.

Application Process

6 easy-steps to start studying

1.Expression of Interest

Non-binding and Free application, no documents required

2. Interview

Interview with our admissions committee

3. Submission of Documents

Scan of previous qualification degree and transcripts, passport and photograph.

4. Offer Letter

Receive Offer letter

5. Fee Payment

Fee payment means acceptance of offer letter

6. Start Studying

Start 1st of every month, application deadline 15th of every month.

Have Questions?

Register for our Open House today!

We conduct open house every Thursday 4-5 PM CET, and you can attend the open house for your questions.

Register for open house or apply here https://www.euglobal.edu.eu/admission/

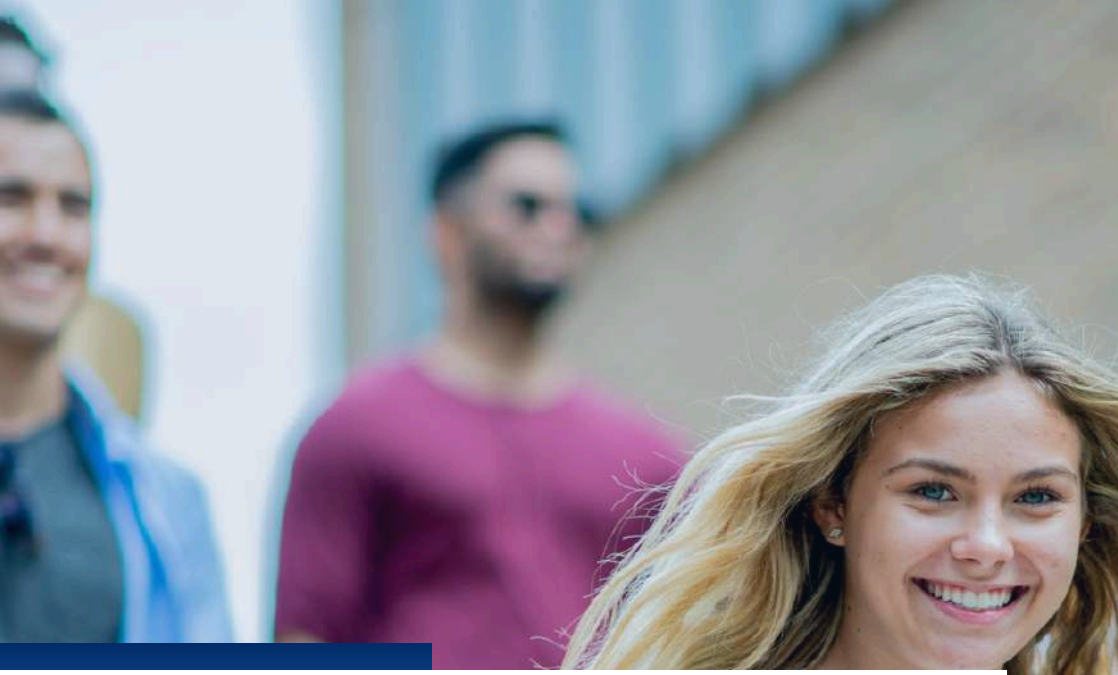
Scholarships

We do provide scholarships to deserving candidates. No two fee reduction opportunities can be combined together. For instance, if you are availing the country discount already, you will not be eligible for further scholarships. We do provide upto 30% fee reduction, but we cannot offer 100% fee waiver.

Free Certificate

Mastering Portfolios:
Your Key to Interview Success
by Dr. K L Sutton, Rutgers University, USA

1. Scan the Code or https://campus.euglobal.edu.eu/login/index.php
2. Create a Free Account
3. Scan the code again to access your Free Certificate
4. Share your Certificate on LinkedIn



Need Any Help?

Talk to our Admissions Counselor

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www.euglobal.edu.eu

Our Locations:

Malta

Punchbowl
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