



Krisolis

EMPOWER / INNOVATE / EVOLVE

Your Data Journey Starts Here

And Krisolis will be with you at every
step of the way.



About Krisolis

Rather than simply providing standard training courses in data science and AI, we combine our skills as leading analytics experts with a sharp focus on our clients to deliver what they need.

We work hard to understand your business, where it has come from and where it's going. Our experience as both **practitioners and academics** means we're uniquely positioned to **partner with you to achieve your learning objectives** by coaching and supporting individuals, teams, departments and the entire organisation.

Vision & Mission

At Krisolis we **empower you to innovate and evolve** through every stage of your data journey.

Our mission is for our team to **become a part of your team**. Through training mentoring and consulting, our flexible approach means that we're able support you using a variety of methods, always staying focused on your objectives.



"We work alongside you and your organisation to foster a culture of innovation and excellence using the latest tools in data science and AI"

Aoife D'Arcy
Krisolis CEO

What we offer

- ✓ Customised Training Programmes
- ✓ Mentorship Programmes
- ✓ Consultancy
- ✓ Strategy Development

The Krisolis Approach to Learning

Each of our training courses and programmes considers three core elements: **Theory, Tools and Application.**

Each are approached separately and blended in a way that means learnings can be confidently applied once back in the workplace, and easily transferred as technologies change.



Choose from or combine

- ✓ Classroom-based Learning
- ✓ Facilitated Workshops
- ✓ Coaching and Mentoring
- ✓ Face to Face or Online Support

Academies and Accredited Programmes

Our **academies and accredited programmes** are designed to support your organisation through its Data and AI journey.

Our delivery can **range between 4 and 16 weeks**, depending on which programme you choose, so it provides a substantial opportunity to address your team's critical learning needs, develop skills and close knowledge gaps, **all delivered by our expert team and faculty.**

Customised Training and Learning Paths

Our customised learning paths are **flexible learning programmes** that are **tailored to your needs** and utilise a **range of learning approaches** to ensure we always stay focused on the objectives of your teams and organisation.

Standard Training Courses and Workshops

Each of our courses is **designed to work as a standalone piece of learning** or can be **combined** with multiple courses, facilitated workshops, mentoring and coaching and other learning-beyond-the-classroom initiatives to ensure engaging and rewarding learning paths.

Adoption

One of the central principles of our training programmes is ensuring that skills and knowledge learned with us are **applied effectively within your business.**

To ensure this we offer a variety of courses for **business leaders, programme managers and decision makers** that ensure that data solutions created by more technical teams can be **easily adopted across the organisation.**

Topics covered include:

- Artificial Intelligence (AI) and its applications
- How to get the best from your data
- How to embed effective work practices to allow your team to work well together

Fundamentals

Our Fundamentals courses demonstrate how you can **put this generation's most powerful business tools to work for you.**

Topics covered include:

- Effective Data Visualisation
- Business Analytics
- Introduction to Programming with R / Python / SQL
- Data Tools and their Applications
- Data Preparation and Pre-Processing

Standard Training Courses and Workshops

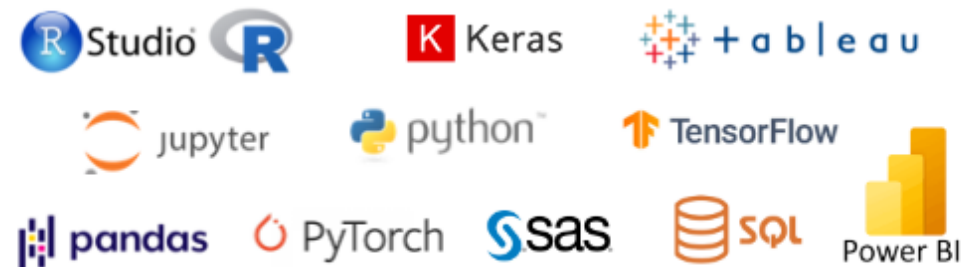
Advanced

Our Advanced courses are designed to help you and your team **evolve your existing data, machine learning and artificial intelligence skills** using the most up to date and advanced tools available.

Topics covered include:

- Deep Learning
- Machine Learning
- Generative AI
- Big Data
- Time Series Analysis
- Natural Language Processing
- Network Analytics
- Anomaly Detection
- Reinforcement Learning

Technologies We Use:



All of our course material can be **customised** to best suit your training needs and to ensure **engaging and rewarding** learning paths.



"Our programmes can be **customised** to best suit your training needs and to ensure an **engaging** and **rewarding** learning experience."



Aoife D'Arcy
Krisolis CEO

Our programmes provide a substantial opportunity to address your team's critical learning needs, **all delivered by our expert team and faculty.**

You can **focus on the skills requirements** within your organisation, **across different roles and areas** of your business.

Managers can adjust the programme design to **suit the timelines and budget available** to your teams, departments and organisation.

Academies and Accredited Programmes

Our **academies and accredited programmes** are designed to support your organisation through its Data and AI journey. Our programmes can be delivered over **4 – 16 weeks**, depending on the needs of your organisation.

Our academies and accredited programmes offer a **variety of delivery modes to cater for different learning styles** in order to achieve your chosen objectives, all of which will be defined in partnership with key stakeholders.

We will build a shared approach to learning in order to **increase data literacy, upskill staff, strengthen the learning culture** in your organisations and help you to prepare your teams for the future.



What will I learn?

- ✓ Describe what data science and analytics are and outline the key techniques and opportunities they offer.
- ✓ Apply data manipulation techniques to prepare data for analysis, assess the quality of data available; and recommend solutions to any data quality issues.
- ✓ Apply the fundamentals of data visualisation to create informative charts and dashboards.
- ✓ Apply data exploration and statistical analysis techniques to uncover trends in data.
- ✓ Explain the importance of ethical and data protection considerations in data science.

Overview

Becoming proficient in the field of data requires mastery of a set of sophisticated algorithms, tools, and techniques. The aim of the Evolve programme is to enable individuals to develop the skills needed to conduct exploratory and statistical analysis using tools and techniques from data visualisation, data analysis, statistics, and data manipulation.

The programme will be delivered using a blend of teaching modes and materials:

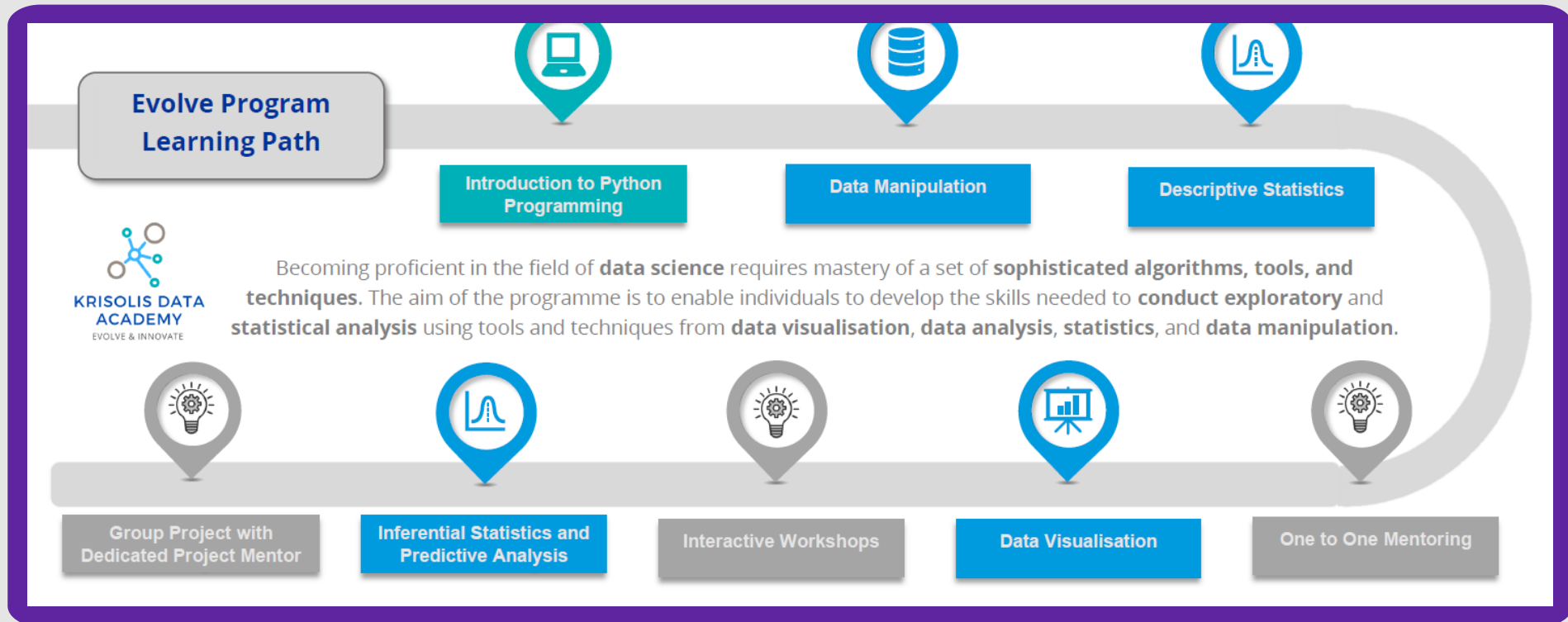
- There will be a **live online class** each week.
- All course material will be accessed through an **online learning portal** and will include video recordings as well as readings, exercises, and assignments.
- Each student will have a number of **mentoring and support sessions** with an experienced mentor during the programme.
- Each participant will complete a **group project during the final 4 weeks** of the programme. Each group will be assigned a mentor that they will meet regularly to guide them through the project. The project finishes with a **presentation of project outcomes to mentors, teaching staff, and fellow students.**

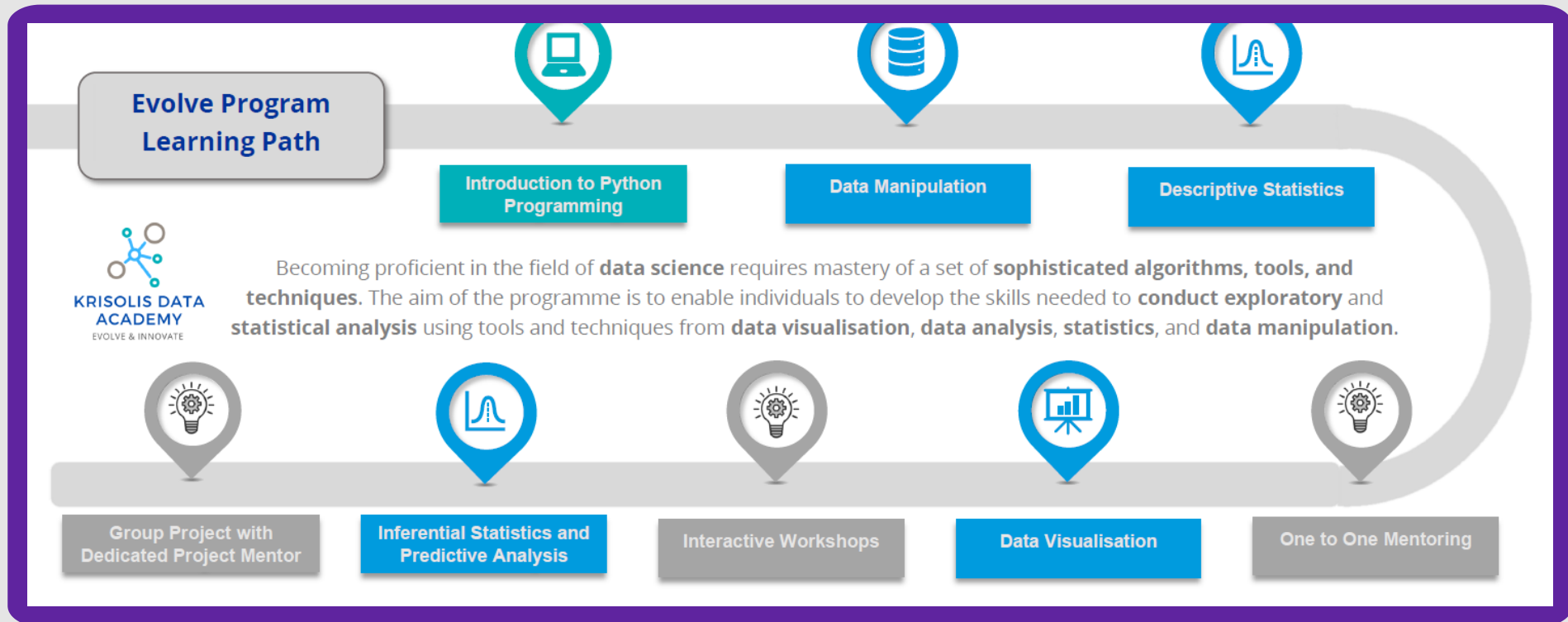
Is this course for me?

This programme provides an introduction to data science and analytics, covering key topics in data analysis, manipulation, exploration, and visualisation. It is specifically targeted at those with an interest in enhancing their data skills, but who do not already have a background in this field.

If you are looking to harness the power of Data Science & Analytics to extract valuable insights from data using data manipulation, analysis, and visualisation, and to apply these skills to your role, then this is the programme for you.

✉ To find out more about this course send us an email at info@krisolis.ie





What will I learn?

- ✓ Describe data science, machine learning and AI, and outline the key techniques and opportunities they offer.
- ✓ Assess the quality of data and recommend solutions to data quality issues, and sample and pre-process data for use in machine learning models.
- ✓ Understand supervised and unsupervised machine learning approaches and how to apply them to real world problems.
- ✓ Apply selected techniques from different areas such as Deep Learning, Network Analytics, NLP, Generative AI and Anomaly Detection.
- ✓ Complete a capstone AI or data science project that is linked to a practical industry application and encapsulates learning from the content covered on the entire programme.

Overview

Becoming proficient in the field of data requires mastery of a set of sophisticated algorithms, tools and techniques. The aim of the programme is to enable individuals to develop the skills needed to build advanced analytics, machine learning and AI solutions for use within the business.

The programme will be delivered using a blend of teaching modes and materials:

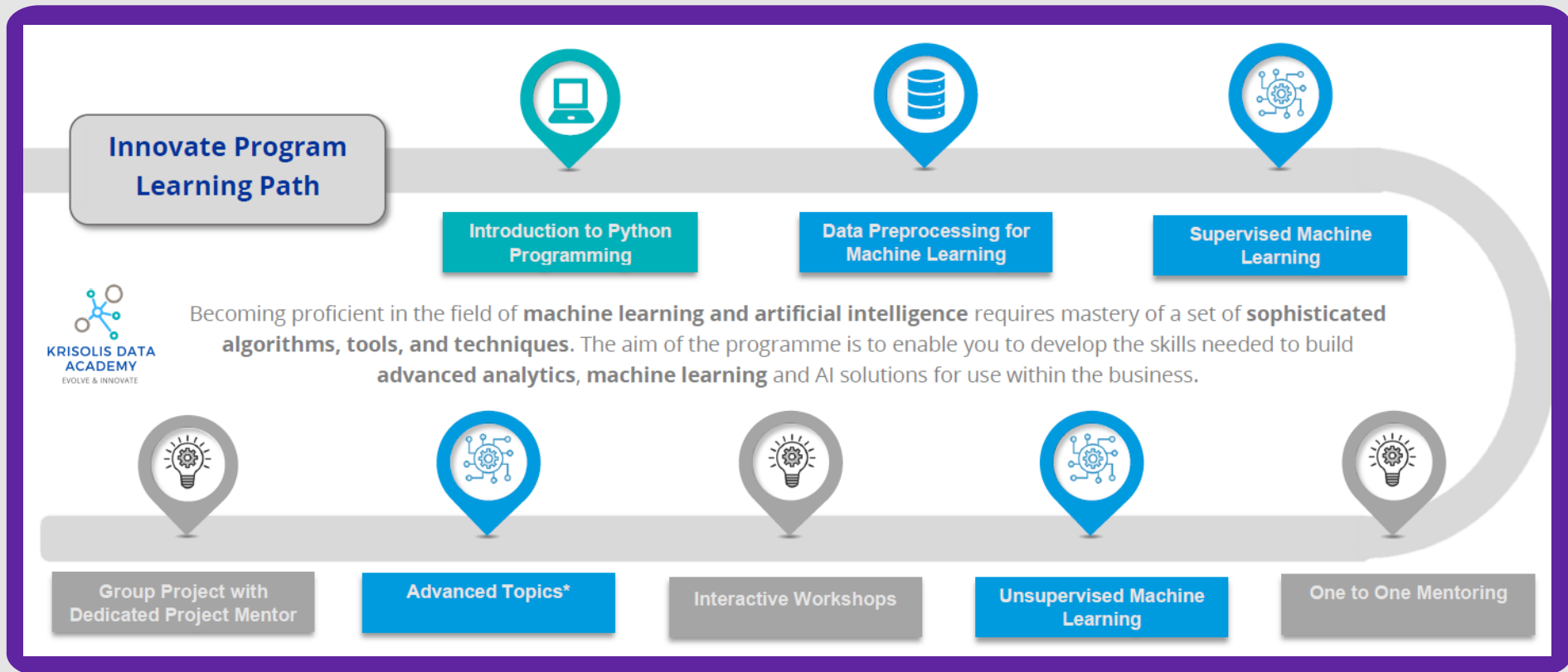
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- Each participant will complete a **group project during the final 4 weeks** of the programme. Each group will be assigned a mentor that they will meet regularly to guide them through the project. The project finishes with a **presentation of project outcomes to mentors, teaching staff, and fellow students.**

Is this course for me?

This programme has been designed as an introduction to the key areas of Machine Learning and Artificial Intelligence. It is specifically targeted at those with an interest in, and aptitude for using supervised and unsupervised Machine Learning techniques to make a difference within their organisation.

The Innovate programme is ideally suited to people working in data analysis, data science, statistician, or similar roles wishing to add predictive analytics, Machine Learning and Artificial Intelligence skills to their repertoire.

✉ To find out more about this course send us an email at info@krisolis.ie



What will I learn?

- ✓ Describe what Artificial Intelligence is and outline the component parts of the domain.
- ✓ Design and validate use cases for applying Artificial Intelligence to create effective solutions.
- ✓ Curate, organise and analyse data for Artificial Intelligence projects.
- ✓ Research and document findings about Artificial Intelligence developments.
- ✓ Explain the importance and considerations of ethics and social justice in designing and developing Artificial Intelligence solutions.

Overview

This 12 week online course introduces the most important ideas, techniques, and applications of Artificial Intelligence (AI). It is specifically targeted at those with an interest in, and aptitude for, working with AI but who do not necessarily have a background in AI or a related area.

AI can enhance operational efficiency, and leaders who are knowledgeable in this area can identify opportunities to streamline processes and increase productivity. This programme provides students with the fundamental skills and knowledge required to start a career in AI, pursue higher education, or gain advanced insights that complement their current role. Additionally, this programme would be suitable for those returning from a career break or simply seeking to upskill in AI.

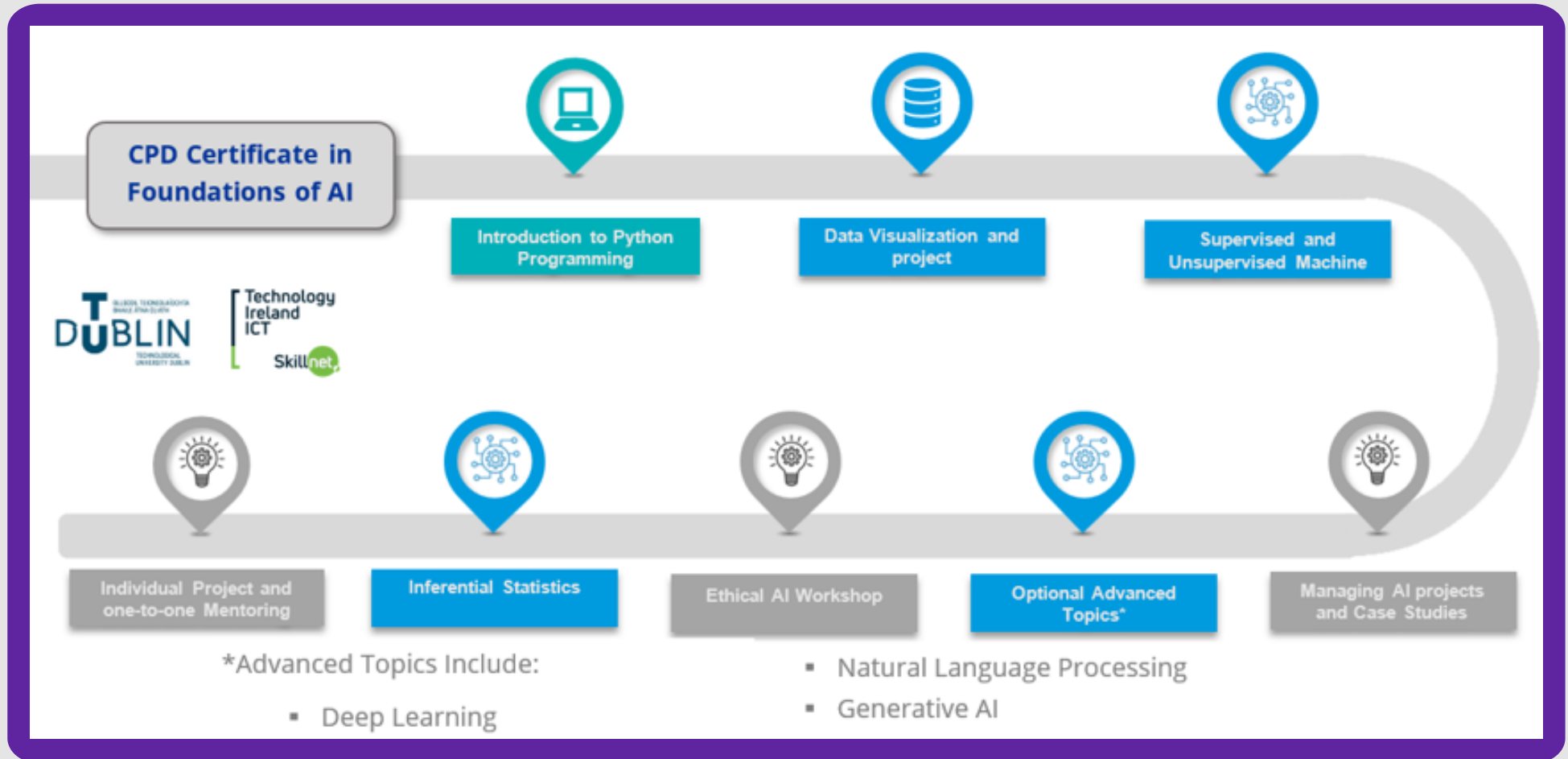
Is this course for me?

This programme is targeted at people interested in transitioning into working with AI, who do not already have a background in AI or a related area. Learners do not need significant existing technical skills and will be provided with the foundational skills and knowledge to begin a career as an AI specialist, or to continue into further education in AI.

This programme is delivered in partnership with TU Dublin and Technology Ireland ICT Skillnet.



✉ To find out more about this course send us an email at info@krisolis.ie



Contact Krisolis

To discuss your team's skills development, and how to make the best use of our training, mentoring and consultancy services please contact us using the following:

✉ info@krisolis.ie

➤ www.krisolis.ie

☎ + 353 1 234 2412

in [LinkedIn](#)

