



Data Analytics: A Cross Functional Collaboration programme

Advanced Productivity

Skillnet
Subsidised

Who is it for?

This course is designed for operations, engineering, manufacturing and R&D professionals

Duration:

4 days of effort over 4 weeks

Delivered by:

Clarke Analytics

Start Dates:

Enquire for start dates and in-company options

Course Overview

This high-impact programme empowers professionals to confidently interpret data, answer critical business questions, and drive meaningful performance gains.

You will move beyond static dashboards to develop true analytical thinking. You will explore the full life cycle of a data analytics initiative - from framing the right questions to modeling data and presenting insights that inspire action. Whether you are optimising production, improving process efficiency, or leading change, you will gain the confidence and tools to lead with evidence - and influence with impact.

Find out more on www.icbe.ie

Programme Details

A CUTTING-EDGE LEARNING EXPERIENCE DELIVERED OVER 4 WEEKS

The ICBE enterprise data analytics programme is designed to elevate data & AI literacy and critical thinking skills within organisations. Through collaborative, hands-on exercises using real-life datasets, participants gain practical experience, fostering teamwork and problem-solving in authentic business contexts.

Over 4 weeks, this level 1 course delivers 10 hours of engaging, skill-building content. Integrated knowledge checks and reflection sessions throughout the modules reinforce learning and ensure participants develop a thorough understanding of the key concepts.

LEARN FROM AN INDUSTRY EXPERT

Participants will be inspired and learn from a 30 year data analytics and AI industry expert who has worked with local and global organisations. The delivery format from a single expert offers personal attention and gives the best consistent individual learning experience.

THE DATA ANALYTICS AND AI PROGRAMME AT A GLANCE



Learn from an Industry Expert



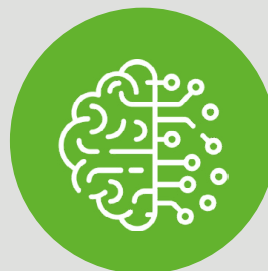
Flexible Online Learning



4 days effort over 4 weeks



Real-world Scenarios

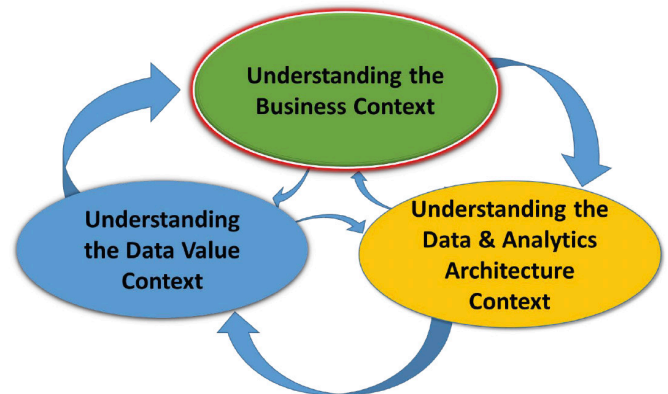
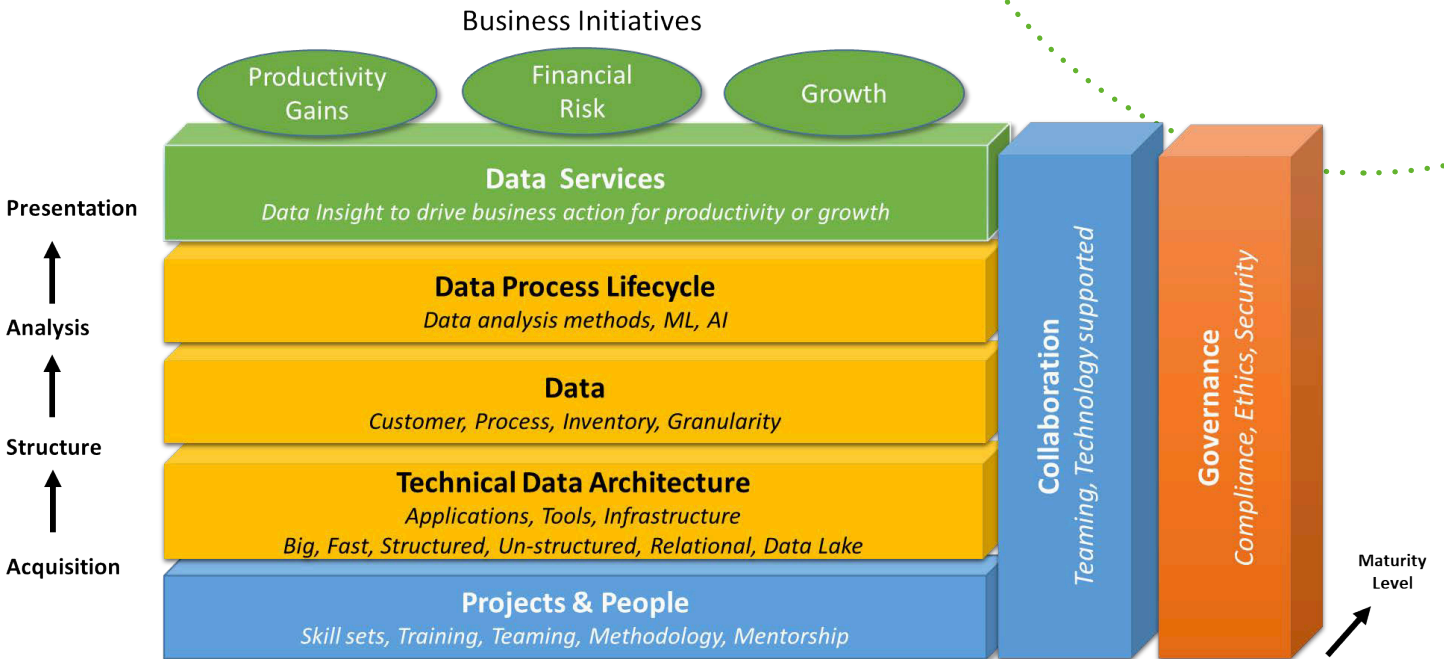


AI and Data Governance



In company collaboration Opportunities and Industry Insights

Framework



Meet the Trainer



DAVE CLARKE, CONSULTANT DATA SCIENTIST, CEO

Dave has a 30 year career in different data roles across software and management consulting companies, multi-national American software and infrastructure companies as well as start-ups and SME's. Dave has developed the Clarke Analytics AI Data Literacy framework to support building data literacy maturity across business, technical and process roles in companies. A central tenant of the programme is developing cross functional collaboration across enterprises. Dave is also an adjunct lecturer on 4 different data analytics courses across the Munster Technological University and the Atlantic Technological University, Sligo.



Programme Outcomes

LEARNING OUTCOMES FOR PARTICIPANTS

Improved Data Literacy

Participants will gain the skills to confidently understand, interpret, and utilise data, empowering them to make smarter, more informed decisions that drive success across all aspects of their roles. This will help drive data-driven decision-making in your business, resulting in better outcomes.

Future Ready Expertise

Participants will stay at the forefront of innovation by learning about emerging technologies like Gen AI, data ethics and governance, ensuring they remain relevant, adaptable, and equipped to excel in an increasingly data-driven and fast changing landscape.

Flexible Learning Experience

The programme is tailored to accommodate busy schedules, enabling participants to seamlessly integrate learning into their working day.

Effective Communication and Collaboration

The programme equips participants with the skills to transform their work into clear, impactful visualisations and with the skills to present narratives, fostering better communication of insights, influencing stakeholders, and enhancing collaboration across teams, cross function and intergenerationally to drive shared success.

Aligned Data-Driven Impact

The course inspires participants to align their daily work with their company's goals and data strategy, empowering them to actively contribute to data-driven conversations and play a pivotal role in achieving organisational success. This can be very motivational.

BENEFITS FOR ORGANISATIONS

Fostering a Data-Driven Culture

Equip teams with the critical data skills needed to cultivate a data-driven mindset, enhance collaboration, and make informed decisions with confidence. This capability is indispensable for achieving business success in the AI-driven era. Every company is a data company now. Facilitate your team to be part of your company's data conversation.

Enhanced Customer Insights

Strengthening workforce data literacy empowers organisations to better understand and address customer and client needs, driving deeper engagement, improved satisfaction, and long-term loyalty.

Building Future-Ready Workforce

Organisations can stay ahead in the evolving digital landscape by equipping their teams with cutting-edge data skills, fostering adaptability, resilience, and a competitive edge in the marketplace.

Driving Operational Efficiency

Leverage data-driven insights to streamline processes, minimise costs, and enhance overall efficiency, creating a more agile and responsive organisation poised for sustained success.

Customised Learning Experience

Course designed to provide a focused and impactful learning experience that delivers immediate, practical value in real-world scenarios.



Testimonials

‘As a participant, the course provided me with very substantial insights and a sense of accomplishment. It was great to learn the concepts and apply the learning through a mini data analytics project’

‘Building awareness onsite of the benefits, building a community of people who are interested.’

‘The project was excellent, a great way to learn the software and understand the process.’

‘Group work, Theory and then action - excellent.’

‘Course delivery was very good and I enjoyed the collaboration with others on group project.’

‘Presentation was clear and easily understandable. It was also interactive, so we had a chance to ask questions, give feedback and share experience. The tutor really got to know us and the learning platform gave easy and fast access to support material.’

‘Dave and Helen were amazing and supportive. Good portal to access notes. Invited collaboration and questioning’

‘Getting exposed to various use cases and methodologies helped build my understanding of data analytics and its applications.’

‘The entire process of streamlining and aligning the business requirements/goals and analytics part was really exciting.’

