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# Data & AI curriculum

## Introduction

By strategically integrating data and AI in Luxembourg, the country can position itself as a leader in innovation, economic growth and sustainable development. Collaboration between government, businesses and training providers will be crucial in creating an ecosystem that fosters the responsible and beneficial use of these technologies.

For every organisation, data has become a critical asset, enabling them to make informed decisions and gain a competitive edge. However, with great power comes great responsibility, and data governance has become a complex challenge in the era of digital transformation.

In close collaboration with PwC's subject matter experts, PwC Academy has developed a multi-layered training curriculum for both juniors and experienced employees and managers seeking to expand their knowledge. This will enable them to understand the benefits and applications of data and AI, along with the relevant regulations, and anticipate future trends and challenges.

Our curriculum provides a comprehensive learning experience through three levels: Foundation, Knowledge & Competence, and Fit & Proper. This structure is designed to address questions and training needs across various stages of your background and career. With our training, participants will be equipped with the knowledge and skills to harness the power of data and AI, and drive their organisation towards success.

## Your reasons why

Acquire new skills and competencies related to data and AI tools.

Gain a deeper and more insightful information on these innovative topics.

Identify opportunities to improve internal organisational processes.

Obtain a sufficient level of factual consideration to make informed business decisions.

Understand current limits and risks involved involved with these topics.

Navigate related regulations.

## Description

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## Objectives

By the end of this curriculum, participants will:

- master generative AI technologies and their transformative impact on data analytics;
- foster a forward-looking vision for AI integration, driving excellence in managing operational units and data citizenship;
- explore how AI and IoT revolutionise operational management, enhancing decision-making with data analytics;
- gain foundational to advanced insights in generative AI, understanding its future trajectories and industry applications;
- equip IT and data leaders with skills to design and operate effective data governance, adhering to European regulations;
- grasp the strategic implications of AI and Generative AI, aligning technology strategy with organisational objectives.

Made of complementary and modular building blocks, our curriculum will help you identify the best learning experience for you and your teams. They are proposed as comprehensive training programmes, but individual training modules can also be selected as standalone courses to meet specific needs. PwC Academy can help you create a customised pathway to align with your objectives.

## Our modular training offering

			Modules		
Data & AI curriculum	Level 1 Foundation		Introduction to machine learning, AI, and generative technologies (2h)	Data analytics foundations: focus on Generative AI and modern tools (2h)	
	Level 2 Knowledge & Competence	About operational aspects		AI and GenAI in action (3h)	AI driven fraud - How AI is used to commit financial crime (1h30)
		About data regulations, data governance and data citizenship	For all	Enabling IT and data leaders to design and operate sound data governance (2h)	Sharing the power of data with the business: mastering the challenge of data citizenship (2h)
	Other regulatory topics			Data privacy in Luxembourg: GDPR and beyond (4h)	GDPR hot topics in Luxembourg (1h)
Level 3 Fit & Proper	About data and AI regulations	For Board of directors, EXCOM members and C-suite executives	Mastering the AI Act: strategic compliance with AI regulations and standards (1h30)	Understanding and leveraging European data regulations (1h)	

## Explore our data & AI training modules



### Tailored training programme

PwC Academy can also provide tailored solutions subject to the clearance of independence requirements.



## Our value proposition

