

Data Fluency Course

Build your foundation in data: the landscape, the tools and the statistics behind every data role.

Certificate Course | A01
Duration: 24 hours
Level: Beginner

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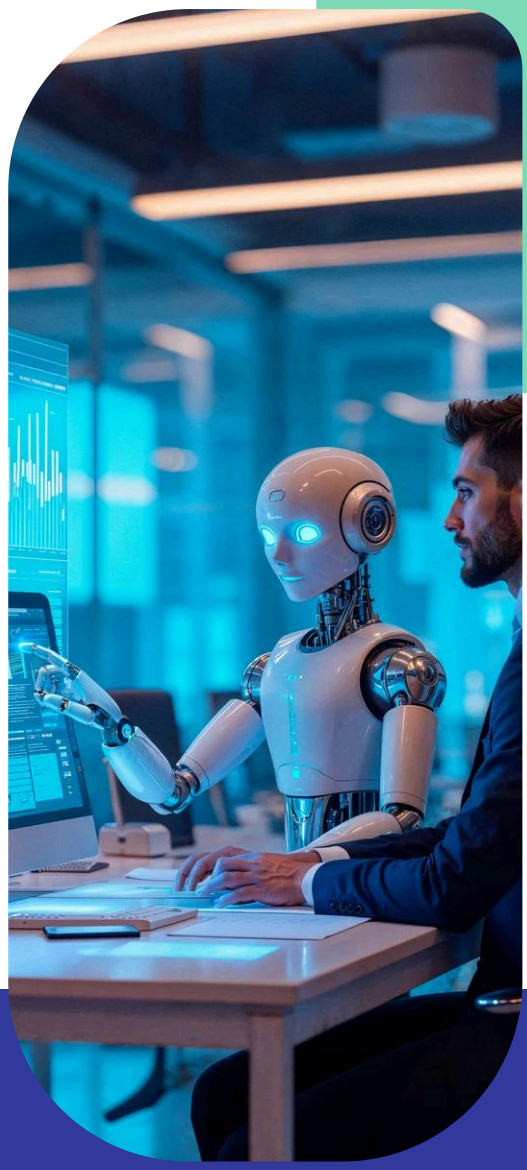
WHAT YOU'LL LEARN

- Understand the key terminology of data science, machine learning and data engineering.
- Navigate the modern data landscape and know which tool to use when.
- Apply core statistical concepts to describe and test data.
- Write a practical, well-founded data project proposal.



COURSE CONTENT

Module 1: Foundations of Data & the Data Landscape
Common data and AI terminology, the data engineering landscape (sources, pipelines, warehouses and lakes), the modern tool landscape from Excel and SQL to Python and Tableau, real-world cases like Netflix, and a first introduction to SQL at literacy level.

Module 2: Introduction to Statistical Concepts
The analytical toolkit: descriptive and inferential statistics, variable types, distributions, hypothesis testing, choosing the right test, and a first introduction to regression.

Module 3: Final Assignment
Translate a real problem into a data solution: framing the problem, defining data requirements, designing a solution, and writing a project proposal with risk management.

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OFFICIAL CERTIFICATE

> This course leads to an official ADA certificate at NLQF Level 6, comparable to bachelor level. Your certificate proves a verified, professional level of knowledge and skills, valued by employers across the Netherlands.

Ready for your next step?
Book a free study-advice call
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