Online certificate course

Data Analyst

(AHK – German Chamber of Commerce Abroad)

Maximising the potential of data for the company

further training

AHK

German quality standard

LearningTogetherOnline

Qualification for specialists

AHK

DIHK DIHK–Gesellschaft für berufliche Bildung – Organisation zur Förderung der IHK–Weiterbildung gGmbH

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What it's about

Data is the basis of digitalisation. In almost all sectors, there is a demand for specialists who can leverage this „capital" and utilise it in a targeted manner to make work and business processes more efficient and innovative, and to further develop value creation.

Who is it for?

The course is aimed at **specialists from all sectors** who have a basic understanding of data and data processing. **Programming knowledge is not required,** but participants should have some basic experience in handling data, e.g. in spreadsheet programs such as MS Excel. English language skills are required due to **the course is conducted in English.**

Benefits for participants and companies

Data Analysts (AHK) can ....
- analyse the **potential of using data** to optimise work and business processes in a practice-oriented way
- promote **data-supported decisions,** e.g. in production, marketing or logistics
- contribute to **increasing competitiveness**
- design and implement **company-specific data projects**
- improve their career prospects through innovation

Registration

Please register via your AHK.

Technical requirements: Up-to-date operating system with soundcard/sound output and connection for headset // headphones with microphone (headset), webcam // Internet access with min. 0.6 Mbps downstream and at least 1 Mbps upstream (can be verified in the router or under Settings/Network Speed) // Up-to-date version of an HTML5 browser (e.g. Chrome, Firefox) // Included in the course: Exercises that are carried out with an analytics platform and a BI tool. A download (free of charge) is required to use both applications. A Microsoft environment is required for the BI tool. Mac users need to install a virtual environment. // **Participants can access the virtual classroom via a link.**

Privacy information: In accordance with the requirements of the applicable data protection provisions, the AHK stores and processes personal data required for registration in accordance with the requirements of applicable data protection regulations. This data is disclosed to service providers of the organisation solely for the purpose of conducting online training.

Scope and contents (selection)

Online-Kick-off event, five training modules and a final test with a total of **57 training hours as live online training** and approx. 26 training hours as a module-accompanied self-study programme.

Kick-off event — Technology check, participants' expectations and introduction to the course programme

Basics of Data Analytics – ETL Process — Use tasks and function of data analytics, visual analytics tools, organise and document data processes

Visual Analysis and Reporting – BI Tools — Familiarise yourself with the tasks and functions of visual analyses and reporting, use BI tools safely, visualise content and data efficiently and comprehensibly

Advanced Data Analytics – Databases, Machine Learning, Workflow Control — Work confidently with databases, understand machine learning and its potential, develop data models for machine learning, apply methods for workflow control

Data Projects - Evaluate, Plan, Implement — Planning and communicating data projects, convey project parameters and goals transparently, agile methods for greater project efficiency

Practical Training — Apply data analytics in (your own) professional context, identify sources of information for further development and potential for improvement through data analytics and take steps to exploit this potential

AHK certificate test (online) — Short presentation of (your own) data analytics project including discussion and final talk (approx. 50 minutes in total). Small groups with several participants can be formed.

Online certificate course

- Centralised implementation with experienced online trainers
- Varied blended learning concept for optimal learning success
- Nationally recognised AHK certificate (in German and English) incl. digital AHK badge for social media profiles, email signature, etc.

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Dates

Live online training/e-learning

		2nd February until 26th May 2026, usually, unless otherwise mentioned below, 9 am to 12 pm CET/CEST Date of completion Tue: 19th May 2026, 8 am to 3 pm CET/CEST	**2nd February until 10th June 2026, usually, unless otherwise mentioned below, 1 pm to 4 pm CET/CEST Date of completion Wed: 10th June 2026, 9 am to 4 pm CET/CEST**
Technology check		Mon: 2nd February 2026, 10 am to 11 am CET/CEST	Mon: 2nd February 2026, 11 am to 12 pm CET/CEST
Kick-off event (online)	**4 training hours**	Tue: 3rd February 2026	Tue: 3rd February 2026
Module 1 Basics of Data Analytics – ETL Process	**12 training hours**	Tue: 10th February 2026, Tue: 17th February 2026 and Tue: 24th February 2026	Tue: 10th February 2026, Tue: 17th February 2026 and Tue: 24th February 2026
Module 2 Visual Analysis and Reporting – BI Tools	**8 training hours**	Tue: 3rd March 2026 and Tue: 10th March 2026	Tue: 3rd March 2026 and Tue: 10th March 2026
Module 3 Advanced Data Analytics – Databases, Machine Learning, Workflow Control	**16 training hours**	Tue: 17th March 2026, Tue: 24th March 2026, Tue: 31st March 2026 and Tue: 14th April 2026	Tue: 17th March 2026, Tue: 24th March 2026, Tue: 31st March 2026 and Tue: 14th April 2026
Module 4 (Own) Data Projects – Evaluate, Plan, Implement	**12 training hours**	Tue: 21st April 2026, Tue: 28th April 2026 and Tue: 5th May 2026	Tue: 21st April 2026, Tue: 28th April 2026 and Tue: 5th May 2026
Module 5 Practical Training	**4 training hours**	Tue: 12th May 2026	Tue: 12th May 2026
AHK certificate test (online)	**1 training hour each**	Tue: 19th May 2026, 8 am to 3 pm CET/CEST	Wed: 10th June 2026, 9 am to 4 pm CET/CEST
Check-out (optional)		Tue: 26th May 2026, 9 am to 11 am CET/CEST	Wed: 10th June 2026, 4 pm to 6 pm CET/CEST
Total scope of live online training		**57 training hours**	**57 training hours**
plus module-accompanying self-study programme		**approx. 26 training hours**	**approx. 26 training hours**

Please note: For participants to be able to actively participate in the course, they must install two digital (free) applications on their laptop/PC (Windows/Apple with virtual Windows environment).

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