



Certified Business Intelligence Analyst (AI)

100% free with a **Bildungsgutschein** from the Arbeitsagentur

FOCUS

TOP
ANBIETER FÜR
WEITERBILDUNG
2026

XDi
Experience Design
Institut

[FOCUS.DE/BUSINESS](https://focus.de/business)

Discover the world of business intelligence analysis

Enroll in our business intelligence bootcamp to become a Certified Business Intelligence Analyst (AI). Study online at your own pace with mentor support, and develop expertise in business intelligence as well as MySQL and SQL, database management system MySQL and creation of interactive dashboards using Power BI and Tableau. Get fully prepared for the Microsoft PL-300 certification exam. Take the first step toward a well-paid and fulfilling career.

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An overview of your career

Learn at your own pace with this business intelligence analysis-bootcamp fully online and flexible, whenever and wherever it suits you. Design your learning journey and advance at a rhythm that matches your lifestyle. Acquire in-demand, practical skills in business intelligence as well as MySQL and SQL, database management system MySQL and creation of interactive dashboards using Power BI and Tableau. Learn 1-on-1 with an experienced mentor, accompanied by your personal study advisor and our career coaches. Make yourself job-ready and secure a future-proof job.

Skills you'll master

- Business Intelligence (BI)
- SQL database language and MySQL database management system
- Advanced SQL for business intelligence and data analysis
- Basics of Microsoft Power BI for Business Intelligence
- Power BI-for advanced users
- Best practice examples and use cases with Power BI
- Dashboarding and reporting with Tableau
- Capstone project
- Confident preparation for the Microsoft PL-300 certification exam (Microsoft Power BI Data Analyst)

Tools, techniques & methods



MySQL



SQL



MS Office



Teams



Excel



Power BI



Google Docs



Google Sheets



Tableau



Data Analysis



Business Intelligence (BI)



Visualization



Dashboarding



Reporting



Storytelling

Details of your course



Format

Guided E-Learning



Duration

Vollzeit: 3,5 Monate

Teilzeit: 7 Monate

Berufsbegleitend: 12 Monate



Start

Wöchentlich, immer montags



Scope

Vollzeit: 30-40 h / Woche

Teilzeit: 10-20 h / Woche

Berufsbegleitend: 2-4 h / Woche



Languages

English

German

Benefits of our Guided E-Learning boot-camps



Learn anytime, anywhere

Tailor your professional development to your preferences, schedule and lifestyle. Learn anytime, anywhere and at your own pace.



Personal mentoring via video meetings

Book an appointment at any time with your mentor, who will accompany you on your learning and career path and provide you with personal support.



Job-ready practice in real-world projects

Our courses are based on practical, industry-specific scenarios and teach practical skills that can be directly applied in your professional life.



University-level multimedia content

You will benefit from interactive content at university level. You can expect comprehensive articles, videos, quizzes and practical exercises that bring the theory to life.



Interactive live sessions with industry experts

Take part in interactive live workshops with industry experts to dynamically review and deepen your understanding of the learning content covered.



Career services for your new job

With application training, career consultations and our active job placement service, we help you on your way to your new job.

Learn how it suits you

...just like you enjoy it!



Full-time

Want to immerse yourself fully in business intelligence analysis? Then take part in our full-time intensive course.

- Qualification in 3,5 Monaten
- Learn full-time flexibly
- 30-40 Stunden per Woche



Part-time

Do you have a part-time job, children or other commitments? Then take the business intelligence analysis-course part-time.

- Qualification in 7 Monaten
- Learn part-time flexibly
- 10-20 Stunden per Woche



While working

Do you have a full-time job and hardly any time to study during the day? Then study alongside your job, in the evenings or at weekends.

- Qualification in 12 Monaten
- Study online alongside your job
- 2-4 Stunden per Woche

Satisfaction guarantee

Try it for 14 days

Feel free to try the course risk-free for up to 14 days from the start date. If it doesn't meet your expectations, you may cancel your enrollment at no additional cost.



Our course is suitable for the following people



Unemployed & job seekers

You are unemployed or seeking work, eligible for a Bildungsgutschein, and want to use this time to qualify for a new job as a Business Intelligence Analyst.



Career changers and professionals switching fields

You are a professional from another industry and want to become a Business Intelligence Analyst to advance your career, grow, and seize new opportunities.



Employees at risk of unemployment

You are an employee at a company affected by structural change, your job is at risk, and you need training to secure your position.



New employees & career starters

You have just started a job in a new work environment and lack the relevant skills to meet the job's demands and work productively.



Aspiring Business Intelligence Analysts

You are a Business Intelligence Analyst and want to expand your knowledge in business intelligence analysis and advance your career.



Graduates and students

You have recently graduated or are still studying and want to enhance your academic qualifications with practical, industry-relevant skills.

Your career prospects and job opportunities

Take the next step in your career

Secure a job in one of the fastest-growing professions in the technology industry. Acquire in-depth knowledge in SQL, Power BI, Tableau, data modeling, and visualization. Develop exactly the skills you need for a career as Business Intelligence Analyst. Secure an attractive, well-paid job with a future in the IT industry.

€ 59.000

Average annual salary

150-200

Average monthly job offers

+7%

Estimated employment growth by 2030

Top 10

Estimated employment growth by 2030



Project based learning

Hands-on practice. Capstone project.

Recognized portfolio that stands

Through project-based learning, we ensure a holistic, active, and sustainable approach to skill development that bridges theory and practice and optimally prepares learners for real-world challenges.

Our courses primarily focus on developing the skills that are essential for professional success and personal growth. Theory and practice complement each other, and participants are actively involved in the learning process.



Project with assignments and real-world case studies

Start your professional development and work on a real-world project! Tackle realistic tasks that will perfectly prepare you for your future job.



A capstone project that makes an impression and opens doors

Create a capstone project that highlights your learning achievements and the skills you've gained in business intelligence analysis.



An industry-recognized portfolio that impresses

Create an impressive portfolio that showcases your skills and opens doors with hiring managers.



CURRICULUM

What you will learn

Hands-on education in the skills of the future

In this business intelligence analysis course, you will acquire the most important skills based on a curriculum designed by industry experts. The business intelligence analysis training includes industry-validated, interactive content at a university level and extensive hands-on experience in real projects. You will build a portfolio and complete the program with a capstone project.

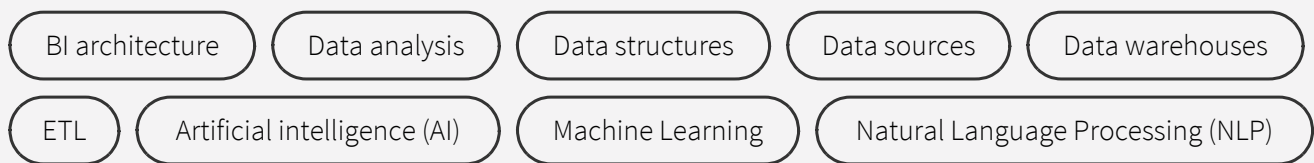


Module 1

Introduction to the world of Business Intelligence (BI)

In this module, you will delve into the world of business intelligence. You will learn how data is collected, processed and analysed – from classic ETL processes to data warehouses and modern self-service tools. You will get a feel for typical BI architectures, data sources and reporting methods and understand how companies make data-driven decisions. Current trends such as artificial intelligence, machine learning, and automated analyses are also on the agenda – and will show you where business intelligence is heading in the future. Numerous examples and tasks will help you to apply the concepts directly.

Core Skills



Learning Outcomes

You will learn to:

- explain key BI tools, technologies and data structures and classify their role in modern organizations
- understand the architecture of typical BI systems – including data sources, ETL processes, data warehouses and analysis tools
- identify best practices for data visualization and reporting and apply them in a targeted manner
- understand and critically reflect on current BI trends such as artificial intelligence, machine learning and natural language processing
- recognize typical challenges in the introduction of BI solutions and formulate suitable solutions

Content

- Business intelligence: introduction, key concepts, and principles
- Business intelligence tools, technologies, and data structures
- Business intelligence architecture, data visualization and reporting techniques
- Business intelligence – trends and challenges

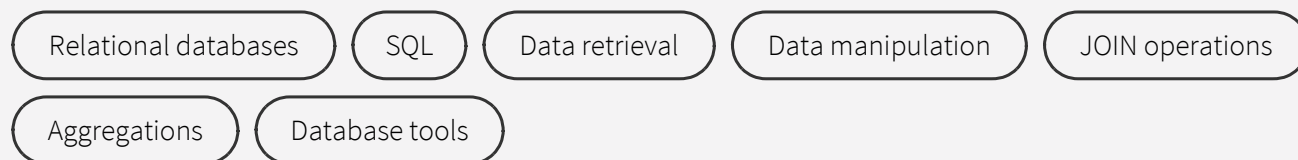
Module 2

Databases and Database Management Systems: MySQL and SQL

In this module, you will be introduced to the basics of relational databases and familiarize yourself with the SQL query language. You will create your own databases and tables in MySQL Workbench, fill them

with data and develop structured queries. Step by step, you will work with important SQL commands – from filtering and sorting to aggregations, groupings, JOINS and foreign keys. Practical tasks will give you a solid foundation for the professional use of databases.

Core Skills



Learning Outcomes

You will learn to:

- understand relational databases and the concept of tables, keys and relationships
- create and configure your own database with MySQL Workbench
- insert, edit and specifically query data with SQL
- use conditions with the WHERE clause and JOINS to link several tables
- perform simple analyses with aggregate functions, grouping and sorting

Content

- Introduction: the relational database model and SQL
- Installation and first steps with MySQL Workbench
- First steps: creating a database and tables
- Inserting, editing and querying values
- Additional options for using the WHERE clause
- Using foreign keys in the database
- Joining queries for multiple tables
- The JOIN command: using data from multiple tables
- Counting entries, summing values and other arithmetic operations
- Grouping and sorting data

Module 3

Advanced SQL for Business Intelligence and Data Analysis

In this module, you will expand your knowledge of SQL and learn how to design complex data queries for business intelligence purposes. You will work with conditions, wildcards and CASE statements, use date and time functions and understand how tables are linked together in a meaningful way. You will learn how to use transactions, user rights and views – and how virtual tables help you to design queries more efficiently. A particular highlight are window functions such as RANK, LAG or LEAD, which you can use to an-

alyze trends and time sequences in a targeted manner. You will also practise how to securely integrate external data – for example, from CSV files – into your database.

Core Skills



Learning Outcomes

You will learn to:

- use the HAVING clause specifically to filter grouped data and gain deeper insights into key figures
- use wildcards, REGEXP and RLIKE to perform flexible queries and recognize patterns in text data
- use CASE statements to integrate conditional logic into SQL queries and classify data specifically
- create foreign key relationships and build normalized data models to ensure data integrity
- format and customize SQL queries so that results can be presented in a clearly structured and business-relevant way

Content

- Introduction: more Advanced SQL commands for BI
- Defining conditions with the HAVING clause
- Working with Wildcards
- CASE: linking actions to conditions
- Relationships between tables with Foreign Keys
- Advanced options for data output
- Working with date and time values
- Managing database access rights
- Transactions for more secure data processing
- Key advanced SQL queries for BI
- Importing CSV files

Module 4

Microsoft Power BI for Business Intelligence - The Fundamentals

In this module, you will be introduced to Microsoft Power BI from the ground up – from the user interface to data modelling and visualization. You will learn how to import, transform and model data and gain an understanding of the architecture behind Power BI. The focus is on creating meaningful visualizations and interactive dashboards that support data-based decisions. You will develop reports that are not only

convincing but can also be shared within the team or the company in a targeted manner.

Core Skills



Learning Outcomes

You will learn to:

- understand the data model and architecture of Power BI and classify it in the BI context
- import, transform and link data from different sources in Power BI
- create interactive visualizations and dashboards that facilitate data-based decisions
- design initial reports with Power BI Desktop and transform raw data into meaningful analyses

Content

- Introduction to Microsoft Power BI
- Getting started with Microsoft Power BI: the data model and architecture
- The Power BI desktop client
- From beginner to pro: creating your first Power BI report
- Importing data into Power BI
- Processing the imported data
- Creating relationships between data sets
- Data visualizations with Power BI
- Dashboards in Power BI

Module 5

Power BI for Advanced Users

In this module, you will take your Power BI skills to the next level. You will work with user-defined visualizations, become familiar with complex DAX functions, and utilize advanced features such as bookmarks, forecasts, and clustering. You will also dive into the M-language of Power Query to transform data in a targeted manner and prepare it for your analyses. In this way, you will use Power BI in all its depth – for interactive reports that map even complex issues and optimally support data-based decisions.

Core Skills



M Language

ETL processes

KPI analysis

Learning Outcomes

You will learn to:

- use customized visualizations and interactive reporting elements in a targeted manner
- use complex DAX functions to calculate and analyse KPIs
- use advanced Power BI features such as bookmarks, forecasts and clustering
- transform data efficiently with the M language in Power Query
- use Power BI to create advanced, decision-relevant dashboards

Content

- Introduction – in-depth insights into Power BI
- Custom visualizations
- Advanced reporting concepts
- An introduction to DAX
- An in-depth look at DAX
- An introduction to M

Module 6

Power BI – Best Practice Examples and Use Cases

In this module, you will learn how to professionally model, analyse and visualize data in Power BI – in a practical way and with a view to real business applications. You will develop stable data models, make targeted use of DAX functions and create interactive dashboards that impress. Topics such as storytelling, usability, KPIs and data-based decision-making play just as important a role as the analysis of patterns, trends and anomalies. The module ideally prepares you for the MS PL-300 certification exam.

Core Skills

Data modeling

DAX

Dashboard design

Reporting

Performance optimization

Data analysis

Decision support

Learning Outcomes

You will learn to:

- design and implement a structured and performant data model in Power BI
- apply advanced DAX calculations including time intelligence and filter logic
- design interactive reports and dashboards with clear visualization and data-based storytelling
- to use optimization techniques to increase model performance in a targeted manner
- to recognize patterns, trends and anomalies in data and derive business-relevant insights from them

Content

- Preparation for the Microsoft certification PL-300
- Designing a data model
- Developing a data model
- Creating model calculations with DAX
- Creating reports
- Creating dashboards
- Optimizing reports: usability and storytelling
- Identifying patterns and trends

Module 7

Dashboarding and Reporting with Tableau

In this module, you will discover how to effectively visualize data and create interactive reports with Tableau. You will connect and prepare data, create clear dashboards and make targeted use of visualization techniques. Using realistic scenarios, you will learn how to use Tableau to gain data-based insights and support well-founded business decisions. A practical introduction to one of the leading business intelligence tools.

Core Skills



Learning Outcomes

You will learn to:

- navigate safely through the Tableau Desktop user interface and connect data sources
- select suitable chart types and use them specifically for different analysis purposes
- use sorting, grouping and calculations to evaluate data sets in a structured way
- incorporate geographical data into map visualizations and support visual storytelling

- design interactive dashboards with multiple views and implement best practices for clear data presentation

Content

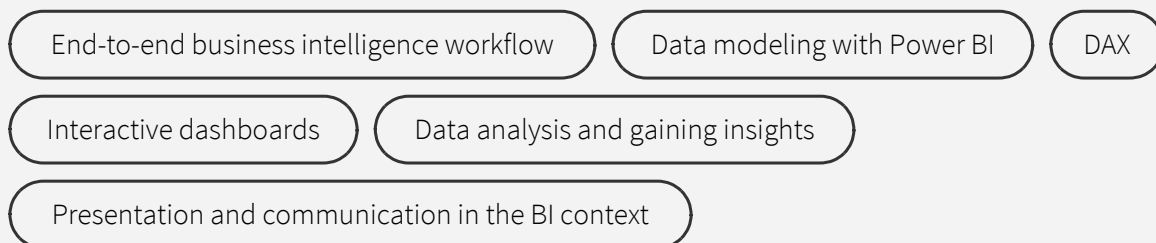
- Introduction to Tableau: data visualization and business intelligence
- Getting started with Tableau Desktop
- Basics of chart visualizations
- Sorting, grouping and calculations
- Working with maps and customizing the view
- Dashboards – combining views

Module 8

Capstone Project - Business Intelligence Project from A-Z

In the capstone project, you will apply the knowledge you have acquired in the course in practice and work on your own business intelligence question – from data analysis to visualization. You will create an interactive dashboard with Power BI and document your results professionally. At the end, you will present your solution to your mentor – the final step on your way to becoming a certified Business Intelligence Analyst.

Core Skills



Learning Outcomes

You will learn to:

- analyze a BI question in a structured way and answer it based on data
- identify and prepare suitable data sources and integrate them into Power BI
- develop data models, key figures and visualizations in a targeted manner
- design and publish interactive dashboards with Power BI
- present analysis results in a comprehensible, target group-oriented and visually convincing way

Content

Hands-on project to implement a business intelligence solution with Power BI – from data preparation to presentation of results.

Human-centered learning

in an online learning environment

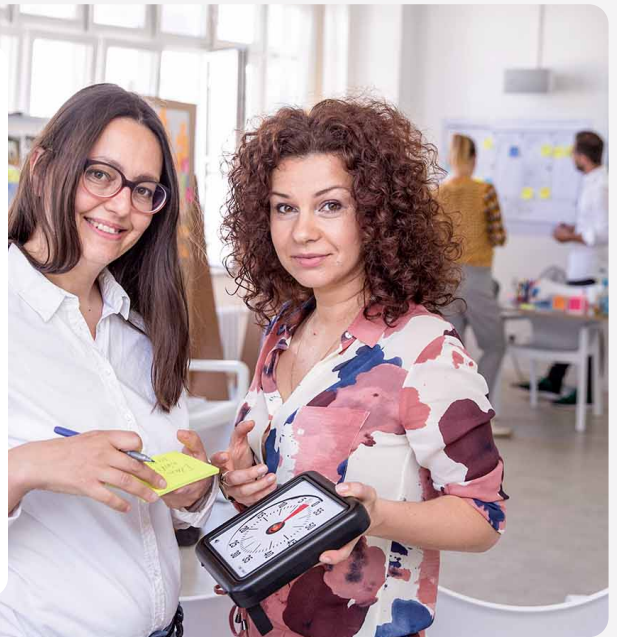
Online, but not alone. Our proven, human-centered approach guarantees you ongoing support and a dedicated team to guide you every step of the way.



Superb learning outcomes

Start with great mentors

Our mentors will guide you every step of the way on your learning journey with experience, expertise, and a genuine commitment to your success. After all, learning is always easier when you have people who believe in you.



Personal 1-on-1 mentoring

Receive personalized feedback and tailored support from industry experts during regular video calls.



Review and Support

From portfolio reviews to interview coaching: our mentors will help you get ready for the job.



Structured support

Week after week, your mentor will help you stay on track, grow, and reach your goals.



Valuable feedback

From individual project tasks to your final assignment, your mentor will provide you with feedback on your practical work.

Career services

for you and your future

With our career services, we guide you through the entire professional development, from onboarding to successful completion and beyond. We support you from your first career goal to signing your contract with personalized coaching, practical support, and smart tools. We ensure that you're ready for the job market and connect you with interesting employers.



Academic advising

Our academic advisors are here to offer you guidance and support, and will help you overcome any challenges that come your way.



Job application training

You'll benefit from free job application training tailored to the needs of employers.



Career advice sessions

We offer free career counseling sessions with experienced HR managers to provide you with personalized advice.



Career coaching

Our career coaches will support you from the very start of the course and provide you with the best possible preparation for your professional career.

Funding & financing

There are many ways for you to take advantage of our subsidized training programs. Below, we have compiled all the relevant information about the available funding options that you can use to participate in our training programs.



Bildungsgutschein

00,00€

100% funding with an AZA-V-certified education voucher



Self-payers

One-time payment

7.980 €



Monthly payment

One-time payment before the course starts

3.390 €

Monthly payment

2.500 €

Bildungsgutschein

100% funded professional development

Take advantage of training or retraining funded through a Bildungsgutschein from the Agentur für Arbeit! You get the chance to gain specific skills and seize new career opportunities. All further training costs are covered by the Agentur für Arbeit or the Jobcenter.

A Bildungsgutschein allows you to participate in training programs free of charge. These are financed by the Agentur für Arbeit or the Jobcenter to support residents in Germany to upskill and improve their professional qualifications.

Maßnahmenummer

Full-time: 955/258/2025

Here's how to get your Bildungsgutschein

1 Consultation

Make an appointment at your local Agentur für Arbeit.

2 Bootcamp

Choose an XDi course of your choice.

3 Course offer

Request a quote for the course of your choice.

4 Application

Submit an application and your course offering.

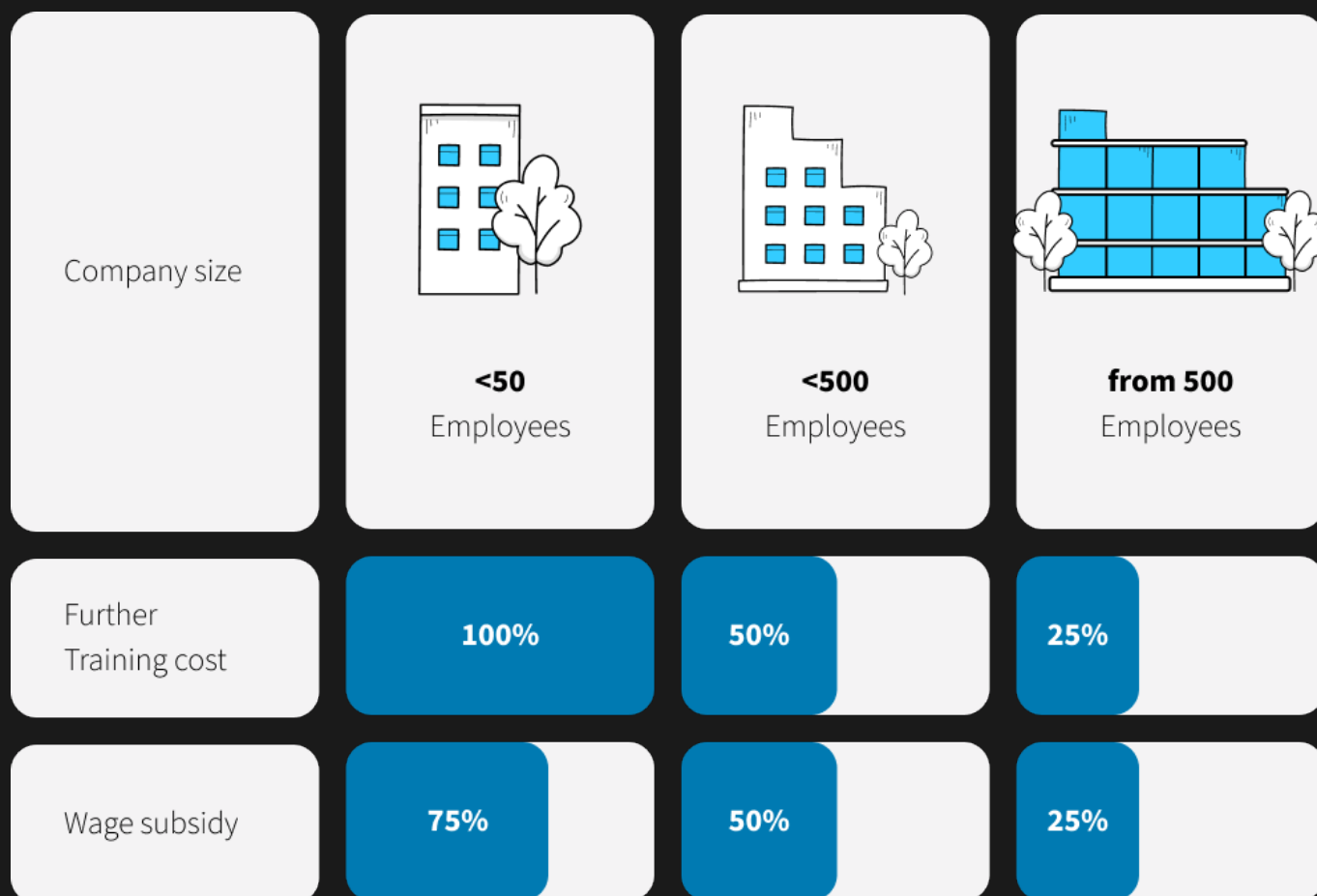
5 Registration

Register and submit the education voucher.

Qualifizierungschancengesetz

For job seekers and employees

At a time when technologies are constantly evolving, and the world of work is transforming, companies need to invest in professional development and upskilling of their employees. This ensures they are prepared for the challenges of the future and enables organizations to successfully navigate the digital transformation.



Benefit from XDi

XDi focuses on new, interactive teaching and learning formats based on the latest findings in brain research. Our motto is “learning by doing”; participants in our training programs learn to apply relevant methods and techniques through practical exercises in realistic projects, with the support of a personal mentor.



Officially recognized certificate

Upon completion of the training program, you will receive the „Business Intelligence Analyst“ certificate from the XDi – Experience Design Institute. The certificate is recognized by German UPA, the Interaction Design Foundation, and UXPA, and has earned an international reputation.



Top salary & career opportunities

More jobs require more knowledge. Many of our students achieved positive results after attending our seminars.



Business Analyst

analyses business processes and supports optimisations

Up to **63.000€**

Data Analyst

analyses data and creates reports for data-driven decisions

Up to **56.500€**

Data Engineer

builds and maintains data infrastructure for analytics and applications

Up to **65.800€**

Data Scientist

develops models, evaluates big data and delivers forecasts

Up to **64.000€**

Machine Learning Engineer

develops and implements machine learning models and algorithms

Up to **66.000€**

See for yourself!

Show more →



Andreas Manietta

Die Weiterbildung zum "[Certified Data Analyst](#)" war ein entscheidender Erfolgsfaktor – in kürzester Zeit habe ich mein Wissen auf ein neues Level gehoben. Das dynamische und fokussierte Tempo war genau richtig, um mich voll zu fordern und konsequent an den Themen dran zu bleiben. Besonders wertvoll waren die praxisorientierten Strategien, die sofort umsetzbare Ergebnisse lieferten. Die durchdachten Fragen und wegweisenden Impulse haben nicht nur mein Denken erweitert, sondern klare Handlungsfelder für zukünftige Erfolge aufgezeigt. Eine weitere Weiterbildung ist für mich keine Frage des Ob – sondern des Wann, um weiter strategisch zu wachsen.



Daniel Naesa

Die Teilnahme am "[Certified Data Scientist](#)" Kurs war für mich eine bahnbrechende Entscheidung. Die Fülle an praxisrelevantem Wissen hat meine Erwartungen übertroffen und mir ein tieferes Verständnis für komplexe Datenanalysen vermittelt. Die Herausforderungen im Kurs haben nicht nur meine Fähigkeiten gestärkt, sondern auch meine Motivation zu Höchstleistungen angespornt. Die Betreuung durch XDi war exzellent, und ich fühle mich bestens gerüstet für anspruchsvolle Projekte in der Datenwissenschaft. Ich empfehle diesen Kurs jedem, der seine Karriere in diesem Bereich auf das nächste Level heben möchte!



5/5

Google



4,5/5

Trustpilot



4,9/5

Kursfinder



4,7/5

Career
Karma



4,9/5

Course
Report



4,7/5

SwitchUp

Our references

These companies are training their workforce with us and recruiting our students.

See all our references →

adidas

Allianz 

amazon 

 **AT&T**



 **Bayer**

 **BOSCH**

DAIMLER

Deloitte.

 **BAHN**

Deutsche Bank 

Dr. Becker  Klinikgruppe

Dräger

e-on

fielmann



BOSS
HUGO BOSS

ING 

 Mercedes-Benz

SUPER 

 **Telefónica**

Certified and accredited

Government-approved and **100% eligible** for funding. Get some advice on how to get everything you need for the Federal Employment Agency.



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2026

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**Learn today
for the world of tomorrow**

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🕒 Mo. - Fr. 08:00 - 17:00 Uhr

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