

7-week training,
on demand,
online with live
mentoring

Power BI Training

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»» **neue fische**
School and Pool for Digital Talent

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01. Who we are?

We tech you to the next level

Up to

40%

Women
in all our tech
bootcamps

4

Locations

In Hamburg, Munich,
Frankfurt am Main,
Berlin

2500+

Successful graduates

2

Bilingual Bootcamps

We offer our bootcamps
in German or English

70+

Coaches with practical experience

Our coaching teams provide you
with individual support

About us

Since 2018, neufische has been offering a training and qualification programs for IT professions that is unique in Germany. The team trains career changers and people returning to work as qualified software, data and cloud talents in short-format bootcamps and connects them afterwards with exciting employers from its network of over 70 partner companies.

Future Group

To address the shortage of candidates in the tech field in Europe, neufische joined Future Group alongside 3 other Bootcamp formations: Wild Code School, Spiced Academy, and S.A.L.T.. Future Group thus has 24 campuses in Europe, over 10,000 alumni, and a professional insertion rate exceeding 92% !

02. Presentation

The training course

neuefische provides online training courses.

These are short, flexible 50-hour programs, at the end of which you can directly apply the skills you have acquired in your company and obtain a double certification.

A voucher is included in the course fee to take the exam for official Microsoft PL-300 certification.

Length

Course hours:
50 hours over 7 weeks

100% online learning, on demand
10 hours of live group mentoring sessions

Who's the training for?

For those who want to...

- Move beyond the limits of Excel
- Boost their career in Business Intelligence
- Learn the basics of SQL programming
- Get a recognized Microsoft Power BI certification
- Train while working

Dates & Financing

Get started

- **10th June 2024**
- If corporate training, possibility of creating dedicated sessions on other dates
- Optional 100% financed by the Agentur für Arbeit or by your company

This training does not aim at

People who want to change career looking to acquire the skills required to work as a Data Analyst. We recommend that you choose the 3-month Data Analyst Bootcamp to achieve your goal.

Certification

What you will get

You will get a short, flexible 50-hour program, at the end of which you can directly apply the skills you have acquired in your company and obtain a double certification.

Good to know: a Microsoft PL-300 certification voucher is included in the course price!

03. Presentation

What is a cohort?

Autonomous, but never lonely

With our new online learning platform, you join a cohort of tech enthusiasts who share the same ambition to succeed, excel, and grow as you do. Cohort learning is a collaborative learning model in which a group of individuals progress together through a learning program. The goal of this method is simple. It allows you to be autonomous in your skills development, but never alone in your success.

Joining a cohort not only helps to motivate students, but also has other benefits:

Collaboration

In an online learning environment, a cohort format facilitates social interaction and collaboration with your peers.

Structure

Because you move through a program with other students, cohort learning offers structure in the form of a fixed due date with steady progress guaranteed.

Support

Cohort learning means you benefit from the support of your peers. If you need help with an exercise or want to discuss about your career goals, you can easily contact your cohort.

Liability

Cohort members hold each other accountable (and motivated) to attend classes, do homework and participate in discussions.

Networking

By joining a cohort, you'll meet new people with similar objectives.



**Quality
Guarantee**

**COURSE
REPORT**



04. Presentation

Training objectives

Our 7-week Business Intelligence training is a professional and certified program that will enable you to master the Power BI tool and the fundamentals of SQL programming. **You will develop expertise in 4 key areas:**

Becoming a Tech Professional

This training will also allow you to enhance your professional profile:

- Contribute to a community of BI analysts
- Create a professional portfolio

01. Analysis and visualization

- Data Exploration
- User Story Creation
- Dashboard Design
- Chart Selection

Targeted Skills:

- Utilizing descriptive visualizations to graphically represent data
- Manipulating interactive and dynamic visualizations
- Creating maps to represent geographic information
- Working methodically through User Stories
- Choosing appropriate charts based on objectives and audience

02. Transformation and modeling

- Data Imports and Modifications with Power Query
- Star Models and Joins
- Data Filters and Transformations

Targeted Skills:

- Importing data into Power Query to make information accessible in Power BI
- Adjusting data import settings based on data types
- Understanding and implementing star models when dealing with multiple data sources
- Applying filters and transformations to data

03. Power BI expertise

- Advanced Graphic Settings
- DAX Language for Transformation and Aggregation
- Report Optimization

Targeted Skills:

- Utilizing advanced Power BI settings, including segments and selective filters
- Applying the DAX language for custom data transformation
- Optimizing a report using the performance analyzer

04. SQL Queries

- Queries for Selection and Filtering in Databases
- Joins for Combining Multiple Tables
- Aggregation and Calculation Functions

Targeted Skills:

- Understanding SQL language to create queries in databases
- Applying filters using SQL language
- Performing joins between multiple tables
- Aggregating and calculating custom indicators

05. Presentation

Detailed program

Explore the training program through its various modules.

Module 1

Initial Approach, Data Imports, and Power Query

Discover the basics of Power BI and Power Query, and create your first dashboard.

- Initial Approach Tutorial Excel
- Imports and Tips
- In-Depth Look at Power Query



Module 2

Data Transformations and Mastering Business Insight

Process data to turn it into relevant information and learn how to present it professionally.

- Data Joins and Concatenation
- Dynamic and interactive segments and filters
- Geographic Data and Transformations
- Methodology and User Story Management
- Digital Accessibility



Module 3

Making Information Visual

Visualize information using the right charts at the right time.

- Chart Selection
- Basic and Advanced Graphic Settings
- Dashboard Publishing
- Training Project – Part 1



Module 4

Introduction to DAX (Data Analysis eXpressions)

Discover the basics of the DAX language to enhance your analyses and dashboards.

- DAX Language for Function Application and Creation
- Common DAX Functions
- Training Project – Part 2



05. Presentation

Module 5

Advanced DAX and Optimisation

Master the DAX language to stay at the forefront of Power BI.

- Mastery of the DAX Language
- Using Time Table and Time Intelligence Functions
- Report Optimisation with the Performance Analyser
- Training Project - Part 3



Module 6

SQL for Business Analysts

Utilise SQL language to create queries on databases.

- Data Selection Queries
- Filters and Conditions
- Joins Between Multiple Tables
- Aggregation and Calculation Functions



Tech stack

Power BI Desktop

DAX (Data Analysis Expressions)

SQL

Data Modeling

Microsoft Excel

Data Visualization

Power BI Service

Power Query

06. Didactical Concept

Teaching method

Key concepts

- **Lessons available** on the learning platform
- **End-of-chapter summaries**

Put into practice

- **Exercises** to consolidate understanding of new concepts
- **Step-by-step project** to learn how to work with agile methods and create your first portfolio
- **Live workshops** with the mentor to apply to real business cases

Come back on what you learned

- **Q&A sessions** with the mentor to unlock issues
- **Quizzes** to validate skills

Meet with professionals

- **Tech events** to develop your network and collaborate with the tech community

An example of a typical week

Monday
12pm or 7pm

Group mentoring Q&A - 30 minutes
Choose the best time to ask the mentor your questions.

Live

Tuesday
at your own pace

Lessons & exercises
Tackle a new concept with it and practice.

Wednesday
7pm

Group mentoring Workshop - 1 hour
Work in groups on real business cases with the help of your mentor.

Live

Thursday
at your own pace

Recap & Quizz
Complete a module and validate your skills with a quiz.

Friday
at your own pace

Project
Work on your project with your new skills.

Saturday & sunday
at your own pace

Review
Write down your questions for next week's Q&A session.

07. Didactical Concept

Learning resources

In order to successfully complete the training, the school provides its students with both dedicated guidance from an instructor and digital tools.

A platform to support you perfectly

neufische has its own learning platform that allows for self-assessment, peer assessment, and access to educational content.

This platform includes:

- Courses and summaries for each chapter
- Exercises to assimilate concepts
- Quizzes to complete and validate throughout the training
- A final project

A Dedicated Instructor to Boost Your Career

During the training, you will benefit from the expertise of an instructor dedicated to your group, along with group mentoring sessions to practice and address all your questions.

Adapted Tools for Online Learning

To facilitate your training, you will have access to the following additional tools:

- Instant messaging for communication with the instructor and your cohort
- Video conferencing tools to join various mentoring sessions

Learning online does not mean learning alone!

Online training is based on self-paced learning through our learning platform, as well as cohort organization. You will receive guidance from an instructor dedicated to your class during group mentoring sessions. In addition to these live sessions, you can exchange messages with the rest of your cohort through a dedicated community space. The training is designed for a class size of approximately 15 students per instructor.



08. Didactical Concept

Learning success

Skills assessment

Skill validation is achieved through
→ Continuous assessment via
various Learning activities:

- Attendance in all mentoring sessions
- Completing all quizzes
- Finalizing the step-by-step project
(without submission)

A photograph showing two men sitting at a table in a modern office or meeting room. They are looking at a laptop screen which displays a video conference with several participants. The man on the left has red hair and a beard, wearing a red sweater. The man on the right has dark hair and is wearing a purple sweater. The background features a white grid shelving unit and a window with a plant.

A certificate of completion is provided at the end of the training.

09. Be Bold

How to join us?

Registration is open on:
www.neuefische.de

Information about **our General terms and conditions** → [Click here](#)

01. Check the requirements →

Check out which course is the perfect match for you.

02. Online registration →

Pick the course you are interested in completing the application form.

03. Complete your registration →

Choose your financing plan and join the course.

04. Get started

Now you can start with your training.

What are the prerequisites?

- **No diploma** is required for Power BI Training.
- **It is recommended to be comfortable** with computer tools, especially spreadsheets such as **Microsoft Excel or Google Sheets.**

Technical requirements:

- Internet connection
- PC running with a Windows environment with the latest Version (Windows 10, Windows Server 2012 R2, Windows Server 2012, Windows 8, Windows 8.1, Windows Server 2016, Windows Server 2019 or Windows 11)
- Microsoft Power BI Desktop requires Internet Explorer 10 or higher
- Microsoft Power BI Desktop is available for 32-bit (x86) and 64-bit (x64) platforms
- microphone / video camera for zoom

There are no prerequisites in terms of entry-level required to follow this BI training course. However, we strongly recommend that you :

- Have a **PC running a Windows environment with the latest Version is mandatory.** We strongly advise against completing the program on a Macbook using a virtual machine.
- **Be fluent in written English** for the Microsoft PL-300 certification to understand the instructions.
- Check that you have access to a Windows computer with **the latest version of Microsoft Power BI desktop running.**
- If you are using your professional computer, check with your IT department that you have access to Slack und Zoom / Google Suite und My SQL [download here.](#)

09. Be Bold

Contact

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www.neuefische.de

 **neue fische**
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