

# Launch your new IT job

**Certified online training with an  
education voucher**



Your chance

# Changing careers is worthwhile for you.

**Future-proof** your career with your subsidized training course

Use the state-approved education voucher from the Jobcenter or the Employment Agency to fully finance your continuing course and start your new career in the world of data – for a secure future.

## +137,000

Demand for IT specialists in Germany<sup>1</sup>

## 46,300 €

Average salary in Germany for data analysts<sup>2</sup>

## 25%

of all company projects now require data analyses

<sup>1</sup>Bitkom e.V., November 2022

<sup>2</sup>StepStone, November 2022



# BI Specialist.

(Certificate Course)

## In this **course** you will learn:

- > Using SQL to quickly generate hands-on data summaries to write and execute basic and advanced SQL queries
- > Advanced knowledge of views, CTEs, subqueries, window functions
- > Basics of Business Intelligence and basic functions of Power BI
- > Best Practices for Data Visualization and Processing in Power BI
- > Data Storytelling Best Practices
- > Basics of KPI calculation with DAX language and statistics

## **Prerequisites:**

- > Placement test
- > Enthusiasm for logical thinking & visual preparation of results
- > German B2-Level
- > English A2-Level

**Book free consultation**

Duration and format

**Part-time: 15 hrs/week  
4 months**

**Full-time: 36 hrs/week  
8 weeks**

Measure no.

**DE: 962 34 2023**

**EN: 962 30 2023**

Level

**Career changers**

Completion

**Certificate**





# Python Programmer.

(Certificate Course)

## In this **course** you will learn to:

- > Process data and text in Python
- > Work with Practical project with selected Python libraries
- > Automate work processes
- > Object-oriented programming (OOP) with a focus on classes and attributes
- > Use inheritance for code reusability
- > Learn more advanced features to simplify classes
- > Final project to configure a password manager

## **Prerequisites:**

- > Placement test
- > Enthusiasm for logical thinking and solving complex problems
- > German B2-Level
- > English A2-Level

**Book free consultation**

Duration and format

**Part-time: 15 hrs/week  
4 months**

**Full-time: 36 hrs/week  
10 weeks**

Measure no.

**DE: 962 34 2023**

Level

**Career changers**

Completion

**Certificate**





# Data Analyst – Fundamentals and Expertise for Career Changers.

(Certificate Course)

## In this **course** you will learn:

- > Fundamentals of Industry 4.0 and Work 4.0
- > To refresh basic math-and-statistics skills
- > Successful project management
- > Basic data and AI skills
- > Tools for data analysis and data visualization
- > with focus on SQL and Google Data Studio
- > Basics for Data Analysis with Python
- > Basics for Machine Learning

## **Prerequisites:**

- > Placement test
- > Motivation for numbers and logical thinking
- > Routine in the use of computers
- > German B2-Level
- > English A2-Level

**Book free consultation**

Duration and format

**Full-time: 35hrs/week  
5 months**

Measure no.

**DE: 962 286 2024**

Level

**Career changers**

Completion

**Certificate**





# Data Analyst – Focus Python.

(Certificate Course)

## In this **course** you will learn to:

- > Access and filter data sources
- > Consolidate and prepare data in a professional manner
- > Independently perform advanced data analysis using descriptive statistics
- > Best practices for effective data visualization
- > Make simple predictions
- > Simple scripts in the Python programming language

## Prerequisites:

- > Placement test
- > Basic knowledge mathematics & statistics
- > German B2-Level
- > English A2-Level

**Book free consultation**

Duration and format

**Part-time: 15 hrs/week  
4 months**

**Full-time: 36 hrs/week  
8 weeks**

Measure no.

**DE: 962 34 2023**

**EN: 962 30 2023**

Level

**Career changers**

Completion

**Certificate**





# Data Scientist – Focus Python.

(Certificate Course)

## In this **course** you will learn to:

- > Import, clean and filter data independently
- > Analyze data exploratively using descriptive statistics
- > Develop and verify complex predictive models
- > Deepen your Python programming skills
- > Build data models to predict business scenarios
- > Develop machine learning algorithms
- > Best practices for effective Data Visualization
- > Data Storytelling Methods

## Prerequisites:

- > Placement test
- > Basic math, statistics & Python programming skills (incl. Pandas, Matplotlib)
- > German B2-Level
- > English A2-Level

**Book free consultation**

Duration and format

**Part-time: 15 hrs/week  
5 months**

**Full-time: 36 hrs/week  
8 weeks**

Measure no.

**DE: 962 34 2023**

**EN: 962 30 2023**

Level

**Advanced**

Completion

**Certificate**








## Modular learning paths.






















With StackFuel, you can now tailor your training course qualify as a certified data expert. You can choose freely between three areas of focus: Business Intelligence, Data Analytics and Data Science.

Thanks to modules that can be combined flexibly, you adapt the course to your individual learning goals and skills.

**The following chart shows three possible specializations and the recommended learning paths for each.**

-  **Introductory modules**
-  **Core modules**
-  **Continuing building blocks**

Note: The chart is for a full-time course.

Learning path		Business-Intelligence-Path	Data-Analytics-Path		Data-Science-Path		
Prior knowledge		no prior knowledge required	no prior knowledge required	with prior knowledge of BI	no prior knowledge required	with prior knowledge of BI	with prior knowledge of Data Analytics
Building blocks	Introduction to Business Intelligence and Data Analytics						
	Business Intelligence Specialist (8 weeks)						
	Data Analyst (8 weeks)						
	Introduction to Data Science						
	Data Scientist (8 weeks)						
	Advanced Python programming						

3 Sample Learning Path Combinations Recommended by StackFuel





# Application and portfolio training.

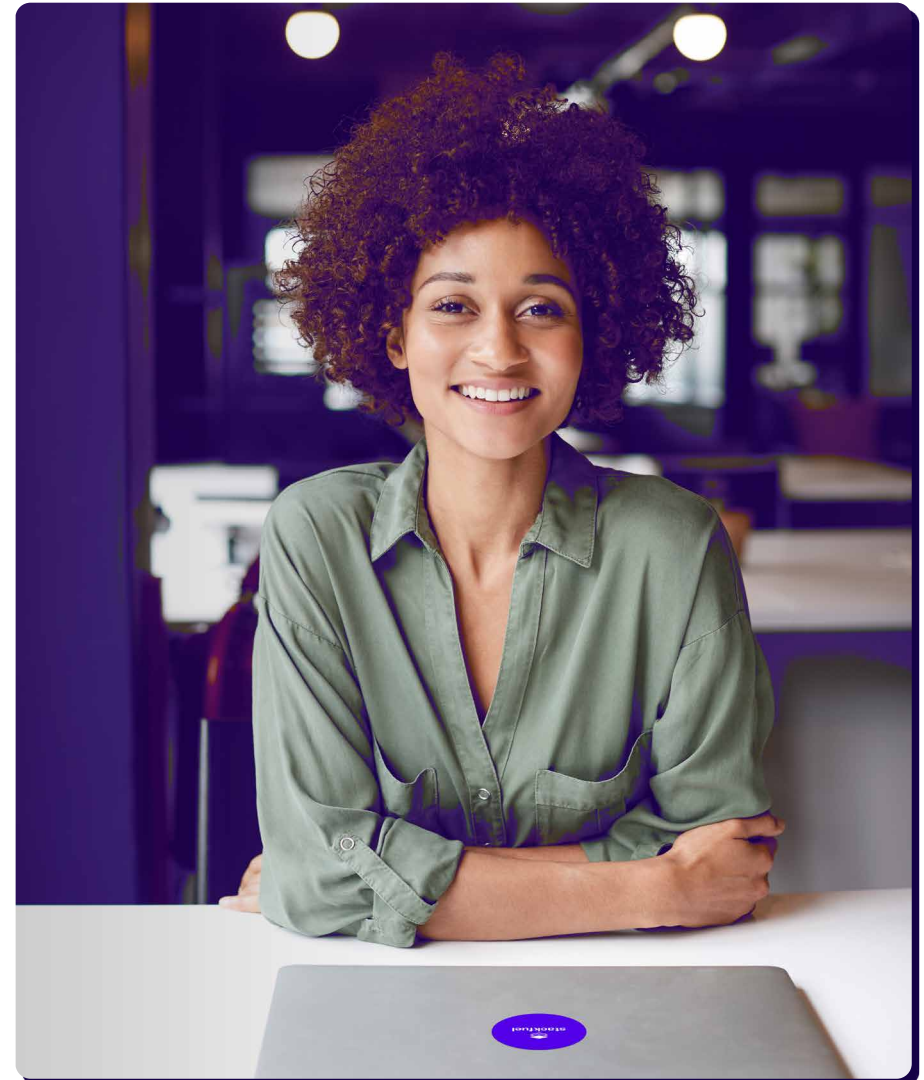
## Additional Module

### Personal **application portfolio**

- Select suitable data sets and questions
- Set up projects in a structured way in the learning group
- Implement projects in a targeted manner
- Best practices for data storytelling and presentation creation

### **Career Coaching**

- Best practices for your job hunt
- Create a professional resume
- Writing convincing letters of motivation or cover letters
- Prepare job interviews optimally
- Respond professionally to typical job application questions





## Your advantages.



### Online & flexible

Do your course part-time or full-time and learn 100% online in your PC's browser.



### Hands on with independent projects

In the Data Lab, you will independently write algorithms with industry data sets in practical projects and coding challenges.



### Support & Mentoring

Your personal mentoring team will guide you with advice, feedback and weekly group webinars.



### Certified & eligible

As a certified provider, you can have our courses financed by the Jobcenter and the Employment Agency.



Our alumni work in **leading companies** from the industry.



Why Stackfuel?

# Bet on Germany's market leader

## Your advantages:

- > 80 % interactive practical tasks
- > 20 % video and text units
- > Industry data sets
- > Final and portfolio projects
- > Mentoring & career coaching

**+6,000**

**Completing**

**91%**

**Completion rate**



**Recommendation rate**

**We'll be happy to advise you  
with no obligation.**



**Arrange a free consultation appointment  
with our expert Maria Schwenke!**

**Phone number:**

**+49 (0)30 544 533 420**

**Book free consultation**

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**Errors and omissions excepted.**

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