

Zertifikat

Hiermit bestätigen wir, dass

Helena Heil

das Intensivprogramm

Aus-/Weiterbildung zum/zur Data Analyst*in

mit 540 Stunden Programmierpraxis
(entspricht 720 Unterrichtseinheiten)

erfolgreich absolviert hat.

Teilnahme vom 30.05.2023 bis 21.08.2023.
Hamburg, den 29.08.2023



Dalia Das, Founder & CEO



Sergej Lust, Lead Coach

Zertifiziert durch:



>> neue fische
School and Pool for Digital Talent

Ausbildungsinhalte

Die Teilnehmer*innen haben in 720 Unterrichtseinheiten folgende Inhalte gelernt, diskutiert und in unterschiedlichen Aufgaben und Projekten vertieft:

Programming & Tools

Tableau

- Connecting to data
- Calculated Fields
- Level of Detail Calcs
- Dashboarding

Google Sheets

- Formulas
- Pivot tables
- V-Lookups

Python

- Functions
- Data Types
- Pandas
- Numpy
- Matplotlib
- Seaborn

Unix

- Filesystem manipulations

SQL

- Creating Tables
- Querying Data
- ETL and Data pipelines

Communication and Stakeholder Management

- Requirements gathering
- Answer first methods
- Presentation techniques
- Technical vs non-technical stakeholders
- Stakeholder review

Math & Statistics

- Descriptive Statistics
- Inferential Statistics

Data Analysis

- Exploratory Data Analysis
- Data Visualization
- Correlation
- Distribution
- Geo-spatial

Advanced Analytics

- Regression & Classification
- OLS-based models
- K-means
- Distribution
- DBScan

Collaborative Working & Social Learning

Pair Coding

- Drive & Navigator

Agile Workflow

- Daily Stand-Ups

Daily Class Review

- Team work & Self-organization skills

Group Work, Individual Exercises, Reversed Classroom

- Team work & Self-organization skills

Git-Workflow, Google Drive (Docs/Tables)

Students 1:1

- Spot checks with instructional team

Project team work

- Git Project Board

Data Analytics Portfolio Projects

Project 1

- Decision Tree Analysis

Project 2

- Exploratory Data Analysis

Project 3

- Data Pipeline and Database

Project 4

- Interactive Dashboard in Tableau

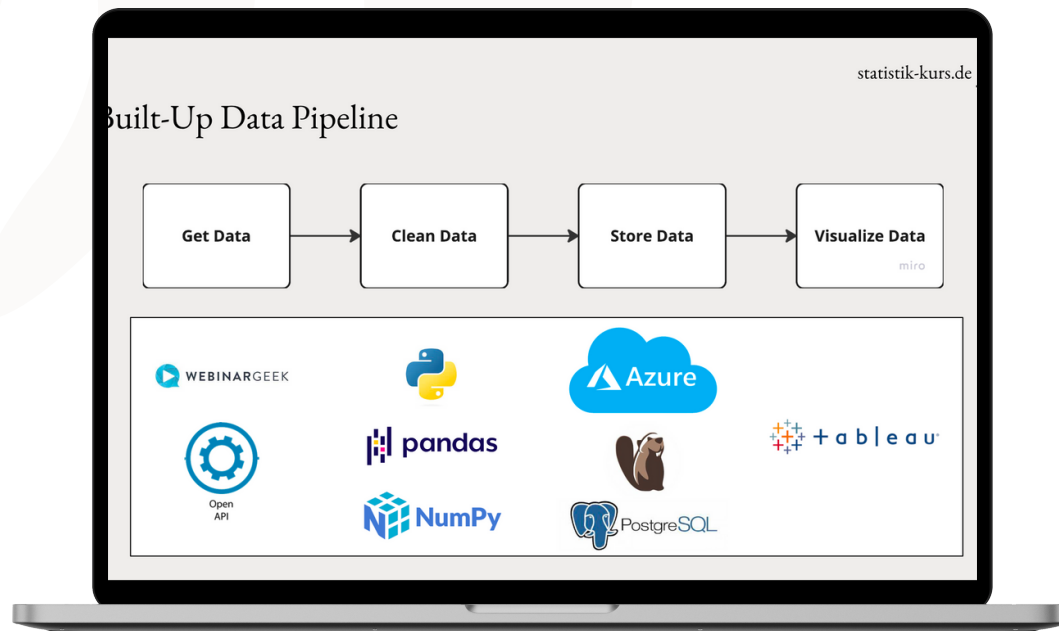
Final Project

Capstone (4 weeks)

Digitales Gesellenstück

Konzipiert und umgesetzt von

Helena Heil



Zusammenfassung:

As a new small-business owner offering online statistics courses, Julian was wondering which way would help him grow best. Thanks to regular communication with him and data from the video hosting platform, not only did we find out what he should focus on, but also built a data pipeline, so he can easily analyze the data for future purposes.

Projekttitel:

„Improving Business Understanding for a Professional Statistics Coach“

Highlights:

Tableau / SQL / Python / pandas /
NumPy / Azure Cloud / PostgreSQL /
DBEaver / Jupyter Notebook / miro /
API / Visual Studio Code / Git / Slack