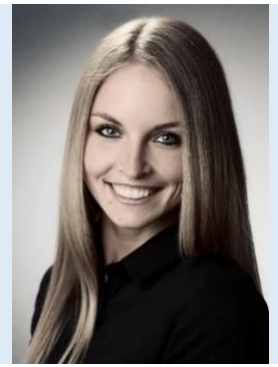# FRANZISKA AMAN

DATA ANALYST

EDUCATION.

CERTIFICATE ON DATA ANALYTICS
Careerfoundry, Berlin
08/2022 - 04/2023

ENGINEERING AND MANAGEMENT
B. Eng., Grade 1.7
Industrial Engineering
Munich University of Applied Sciences
10/2015 - 02/2019

SPECIALIZED A-LEVELS
Parallel to fulltime employment
Grade 1.5
Virtuelle Berufsoberschule Bayern (VIBOS), Erlangen
09/2013 - 05/2015

TOOLS.

Agile Tools:
- Atlassian Confluence
- Atlassian JIRA

Analysis Tools:
- Tableau
- SQL
- Python
- Kibana
- Microsoft Office

SKILLS.

- Understanding requirements
- Data cleaning & transformation
- Data analysis

Data visualization & storytelling

Data Analyst with a creative problem-solving attitude. Having a passion to deep dive into problems, understanding them in detail with all their coherencies and turning them into precise solutions. Ability to replace estimates by facts due to being used to calculating and evaluating KPIs. Skilled in simplifying the complex paired with strong communication and visualization skills making it easy for stakeholders to understand the insights.

PROFESSIONAL EXPERIENCE.

DATA ANALYST WITH FUNCTION OWNER RESPONSIBILITY
Bertrandt AG, Munich | 07/2020 – today

Responsibility for the quality improvement of complex distributed software systems in the field of Connected Drive - performed through Test- and Field Data Analysis across the entire function chain (frontend, backend and onboard ECUs):

- Gaining detailed understanding of the entire chain through comprehensive analysis of the function's architecture
- Establishing suitable analysis processes for all relevant interfaces
- Providing targeted solutions to issues by analyzing test data
- Identifying error patterns using dashboards with real-time big data, allowing to quickly take targeted action
- Presenting data-driven insights in management rounds
- Leading technical discussions between different software dev teams to identify root causes

Achievements:
- Significantly surpassed expectations in improving quality rates, already achieved leaps and bounds in the first release I was involved in
- Improved the usability of the usability of the function

SOFTWARE DEVELOPMENT ENGINEER AUTONOMOUS DRIVING
Bertrandt AG, Munich | 03/2019 - 06/2020

- Programmed and tested software functions in the field Autonomous Driving in an agile environment
- Presented the functions on international trade fairs, e.g. CES Las Vegas

BACHELOR´S THESIS DATA ANALYTICS: MATERIALS/PROCESS ANALYTICS

BMW Group, Munich | 08/2018 - 02/2019

"The analysis of Measurement Data from component testing in the context of Digital Transformation in the Automotive Sector" (Grade 1.3)

Developed a concept for more efficient use of measurement data through Big Data to quickly answer the question "What do we know about material/component x regarding problem y?" and to rapidly track down the root causes of failures

INTERN BUSINESS UNIT PLANNING: DATA-DRIVEN SUPPORT FOR PROJECT AND STRATEGY WORK

BMW Group, Munich | 03/2018 - 08/2018

Analysis of strategically relevant future topics:

- Support for data-driven definition of content within the company and in the competitive environment for decision-making purposes
- Created and maintained project plans in a multi-project environment

WORKING STUDENT DEALER PERFORMANCE AND NETWORK

BMW Group, Munich | 08/2017 - 03/2018

Contributed to the improvement of the dealer performance:

- Created an area and dealer ranking based on an ABC analysis considering KPIs to be able to prioritize the most promising dealers
- Created a calculation tool to determine training costs for the global qualification of dealer employees using VBA
- Maintained a KPI cockpit as a management version
- Created and implemented technical and sales online trainings for dealer qualification

TUTOR IN THE SUBJECTS MATHEMATICS I AND MATHEMATICS II

Munich University of Applied Sciences | 10/2016 - 06/2018

- Lead discussions of thematic questions
- Assisted individually with problem tasks
- Intensified topics by means of additional exercises