



FARIYA ASGHAR

DATA ANALYST

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EDUCATION

CareerFoundry GmbH - Berlin

DATA ANALYTICS 01/2025 - 10/2025

Introduction to Data Analytics, Data Immersion, Data Visualizations with Python

Bahauddin Zakariya University - Pakistan

MBA- Finance 2014 - 2016

BBA- HRM 2009 - 2013

Degrees officially recognized in Germany

SKILLSET

- Data Cleaning and Preparation
- Exploratory & Descriptive Analysis
- Data Integration & Transformation
- Data Visualization & Storytelling
- Data Mining
- Advanced Analytics
- Machine Learning
- Dashboard Design
- Web Scrapping
- Natural Language Processing

LANGUAGES

German: Professional Working Proficiency (CEFR B2)

English: Fluent

Urdu: Native

Profile Summary

A financial professional with 3+ years of banking experience in credit and risk assessment, now transitioning into a Business Analyst (Data Analytics) role. I combine deep domain knowledge with technical skills in Python, SQL, and Tableau to bridge the gap between business needs and data solutions. Proven ability to support product development, contribute to data strategy, and translate complex analyses into clear, actionable insights for diverse stakeholders.

DATA ANALYTICS PROJECTS

NYC Citi Bike - Strategic Operations Dashboard

Developed an interactive dashboard in Streamlit to analyze 30M+ trip records, delivering strategic recommendations for fleet management and service expansion.

Tech Stack: Python, Streamlit, Pandas, Plotly, Kepler.gl, API Integration

Key Achievement: Transformed raw, multi-gigabyte datasets into an automated, interactive dashboard that identified key seasonal trends and high-demand transportation corridors.

20th Century Geopolitical Network Analysis

Engineered a data science project to model and visualize historical country interrelations by applying Natural Language Processing to unstructured web-scraped text.

Tech Stack: Python, Web Scrapping (BeautifulSoup), NLP (spaCy), NetworkX, Pyvis

Key Achievement: Successfully used community detection algorithms on unstructured text to identify and visualize historically coherent geopolitical blocs, demonstrating the ability to extract complex insights from raw data.

Strategic Analysis of the Amsterdam Airbnb Market

Engineered and modeled a 20,000+ listing dataset to build a multiple regression model explaining 53% of price variance and a SARIMA model to forecast weekly occupancy demand.

Tech Stack: Python (Pandas, Scikit-learn, Statsmodels, Geopandas), Tableau

Key Achievement: Synthesized findings from unsupervised clustering, regression modeling, and time-series analysis into an interactive Tableau storyboard with actionable investment strategies.

WORK EXPERIENCE

Data Analytics Program |

CareerFoundry GmbH, Berlin, DE







01/2025-Present

- Intensive, project-based program focused on the complete data analysis workflow, including Data Visualization with Python (Pandas, Seaborn), SQL, Tableau, and end-to-end dashboarding projects.

Relocation & Language Acquisition | Germany 08/2022-12/2014

- Successfully relocated to Germany and completed an intensive German language program, achieving professional working proficiency (B2 level).
- Engaged in self-directed study and preparation for a strategic career transition into the field of data analytics.

TOOLS

-  MS Excel
-  PostgreSQL
-  Tableau
-  Streamlit
-  Python / Jupyter Notebooks
-  Git/Github

AREAS OF INTEREST

- Exploring Generative AI & LLMs
- Practicing new Visualization tools
- Following Tech & Finance Blogs
- Personal Data Projects

Bank AL Habib Limited – Multan, Pakistan 05/2018-07/2022 RELATIONSHIP ASSOCIATE – CORPORATE CREDIT 11/2020-07/2022

- Analyzed complex financial structures and coordinated with multiple stakeholders to support high-value corporate lending decisions, maintaining accuracy under aggressive deadlines.
- Presented strategic credit recommendations to senior leadership, building credibility and securing approval for corporate credit facilities.

HR OFFICER – (Temporary Position) 05/2020-10/2020

- Facilitated employee relations and conflict resolution while maintaining confidentiality and building trust across organizational levels.

CREDIT RISK OFFICER – CREDIT RISK DEPARTMENT 04/2019-05/2020

- Analyzed large datasets using Internal Risk Rating Models to identify emerging risk patterns and trends, preventing issue escalation.
- Generated detailed risk assessment reports ensuring regulatory compliance and supporting strategic risk management decisions.

RELATIONSHIP ASSOCIATE- COMMERCIAL CREDIT 05/2018-04/2019

- Conducted comprehensive financial analysis across diverse industry portfolios, building strong client relationships while meeting all credit review deadlines
- Synthesized financial data and risk assessments into detailed reports for senior management, achieving consistent approval for credit decisions

WORKSHOPS & ADDITIONAL TRAINING

Bank AL Habib Limited – Multan, Pakistan 02/2021

Completed comprehensive training on core banking products, regulatory compliance, and client service strategies.

- Computer-Based Trainings 2018 - 2021
- Participated in regular, ongoing workshops covering internal risk assessment models, new analytical methods, and evolving compliance standards.