

SYED ALI MURAD TAHIR

Wirtschaftsinformatik student specializing in Data Science at TU Berlin

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EXPERIENCE

Business Intelligence - Working Student

Getsteps

12/2022 - 04/2023 Berlin, Germany

- Design and implement data pipelines in PostgreSQL
- Perform Extract, Transform, Load (ETL) processing to extract data from various sources using SQL and dbt
- Adjust current data marts and reports by adding new columns and KPIs
- Design multiple dashboards using Metabase that were used by the marketing team in making informed business decisions
- Design a whole new organizational structure to increase transparency in datamarts

Business Intelligence - Working Student

Europcar Mobility Group

09/2021 - 11/2022 Hamburg, Germany

- Design reports in SAP BO and Data Studio
- Adjust and create new data marts using SQL
- Create data pipelines using SQL
- Adjust existing and develop new VBA macros in Excel and Access.

Software Developer

Rohde & Schwarz

04/2021 - 07/2021 Islamabad, Pakistan

- Generate one-off reports for product management (eg. debug and understand a hardware issue or backup product concepts with actual data)
- Perform Time series forecasting for analyzing sales using Tableau

PROJECTS

- Semantic Segmentation for Biomedical Image Segmentation**
Technologies: Numpy, Sklearn, Pytorch, Matplotlib
- Customer Segmentation using Deep Learning**
Technologies: Numpy, Sklearn, TensorFlow, Keras
- Stock Price Prediction using LSTM & Fbprophet**
Technologies: Python, Numpy, Pandas, Matplotlib, Seaborn, Tensorflow, Keras, Sklearn, Statsmodels, FBProphet
- Customer Churn Prediction using Esemble Learning**
Technologies: Numpy, Pandas, Matplotlib, Sklearn
- Time Series Forecasting using ARIMA & Linear Regression**
Technologies: Numpy, Pandas, Matplotlib, Searborn, Sklearn, Statsmodels
- Melbourne Housing Analysis & Prediction**
Technologies: Numpy, Pandas, Matplotlib, Searborn, Sklearn

EDUCATION

M.Sc. Wirtschaftsinformatik

Technische Universität Berlin

10/2021 Berlin, Germany

B.Sc. Electrical and Computer Engineering

Jacobs University Bremen

09/2017 - 09/2020 Bremen, Germany

LANGUAGES

C C++ Python SQL HTML

LIBRARIES

Pytorch TensorFlow Keras Numpy
Pandas Matplotlib Seaborn

TOOLS

VS Code Pycharm Linux Git
Ubuntu LaTeX Tableau Metabase
Looker Studio Google Colab
Jupyter Notebook BigQuery SAP
dbt Airbyte

LANGUAGES

English - Native
Hindi/Urdu - Native
Deutsch - A2



PROJECTS

Analyzing car rental dataset using SQL
Technologies: SQL, Jupyter Notebook

CNN on Multilabel remote sensing images
Technologies: Numpy, Pandas, Matplotlib, Sklearn, Pytorch

Image processing of satellite data
Technologies: Python, Numpy, Scipy, Matplotlib