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 - Business Intelligence
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

- **Enhancing Movie Recommendations with Behavior Sequence Transformer**
  Technologies: NumPy, Pandas, TensorFlow, Keras
- **Large Language Models for Reliable Berlin Public Administration Answers**
  Technologies: LangChain, TensorFlow, Hugging Face
- **Financial News Sentiment Analysis**
  Technologies: Numpy, Pandas, Circlify, Sklearn, TensorFlow, Keras, NLTK, Matplotlib
- **Designing Seq2Seq Translation Model (English to Bulgarian) with Attention Mechanism**
  Technologies: Numpy, Pandas, Circlify, Sklearn, TensorFlow, Keras, NLTK, Matplotlib
- **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

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

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   ●●●○○

CERTIFICATIONS

Natural Language Processing

Fundamentals of Visualization with Tableau

PROJECTS

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

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

Time Series Forecasting using ARIMA & Linear Regression
Technologies: Numpy, Pandas, Matplotlib, Searborn, Sklearn, Statsmodels

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