Mustafa Fakhar

07440 754303 | **mustafa.fakhar.07@gmail.com** | **Portfolio** | **Github** | **LinkedIn**

Edinburgh, United Kingdom

EDUCATION

Heriot Watt University   Edinburgh, United Kingdom
Masters in Global Sustainability Engineering; Grade: 2:1   *Jan 2023 – May 2024*

University of Engineering and Technology   Lahore, Pakistan
Bachelors in Geological Engineering   *October 2016 – August 2020*

SKILLS

- **Programming skills**: Python, HTML, MySQL, SQL, R
- **Database Management**: Excel, Tableu, PowerBI
- **Learning**: Git , TensorFlow, JIRA, ServiceNow
- **Soft Skills**: Atteniton to Detail, Problem Solving, Process Optimization, Adaptability

EXPERIENCE

Operations Analyst - City Cabs - Edinburgh   August 2024
- Leveraged excel to analyze call trends and driver availability to reduce customer wait time by 15%.
- Enhanced operational reporting using Excel to consolidate driver"s performance data, enabling faster decision making for driver support workflows.
- Helped optimize accounts data for the accounts team using Excel with the help of VLOOKUP, enabling smooth flow of operations.
- Analyzed and processed customer and driver data, enabling faster decision making for dispatch team.

Data Scientist - Aedvisor Ltd. Lahore, Pakistan   Oct 2022 - Dec 2022
- Developed Python-based ML models to analyze stock data and support stakeholder decisions using Scikit-learn library.
- Migrated dashboards by converting legacy data into datasets using MySQL and Power BI to generate one collaborative dashboard for the entire company
- Built centralized data warehouse for the marketing team, resulting in an increase in customer acquisition of 30%
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Data Analyst - Byte YC-S20 - Lahore, Pakistan   Sep 2021 – June 2022
- Led migration of 30+ dashboards to Metabase using MySQL queries.
- Automated data collection process across departments to streamline reporting by creating a central dashboard on Excel, resulting in reducing reporting time by 25%.
- Built a centralized dashboard using MySQL and Excel, enhancing collaboration and reporting efficiency.
- Centralized data for Live Operations departmental using Excel, reducing errors by 40%.
- Implemented CSR initiative resulting in reduced cancellations from 7.2% to 3.3%.
- Cut fraudulent promo/referral use by 60% through anomaly detection and trend analysis on Excel and PowerBI.

PROJECTS

Personal Portfolio   Link
- Personal website to exhibit my projects and skills.

Predicting Future Emissions of Scotland Using Data Science   Github Link
- Applied machine learning models to predict future emissions based on historical data.
- Libraries used: Scikit-Learn, matplotlib, numpy, seaborn

Stock Analysis Using Python   Github Link
- Applied python programming to structure a model to acquire and analyse stock data.
- Libraries used: Yfinance, numpy, matplotlib.

Movie Recommendation Model Using Python   Github Link
- Used a natural language processing toolkit to recommend movies based on a movie title.
- Libraries Used: NLTK, Scikit-Learn, matplotlib, numpy, scimage,