Moyez Ikhlas

Financial Data Analyst

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SUMMARY

A results-driven technology enthusiast with a strong analytically innovative background. Proficient in predictive modeling, data processing and data mining algorithms, as well as Python and SQL Server. Able to self- manage during independent projects, as well as collaborate as part of a productive team.

EXPERIENCE

Financial Data Analyst
Hakim Group

Darwen
11/2023 - Present

- Developed and built over 50 comprehensive reports in SQL Server, employing advanced querying and data manipulation techniques. These reports provided actionable insights, resulting in a 20% increase in decision-making efficiency and a 15% improvement in business processes.
- Design and maintain dashboards in Power BI, enabling practices to visualise and interpret financial data. This implementation led to a 30% reduction in time spent on financial analysis and enabled real-time decision-making.
- Utilized advanced features of Excel to facilitate ad-hoc finance tasks and adapt quickly to meet evolving business needs, ensuring data accuracy and efficiency in financial analysis.
- Developed stored procedures and views to efficiently prepare initial data for transmission to the data warehouse, ensuring its readiness for integration and analysis.
- Developed stored procedures and views to streamline the preparation of data for transmission to the Azure-based data warehouse, optimizing data integration and analysis processes.
- Collected and meticulously analyzed financial data, employing statistical methods and visualisation techniques to identify trends and discrepancies. This analysis contributed to informed decision-making processes and facilitated proactive measures, resulting in a 10% improvement in financial forecasting accuracy.

Data Analyst Intern
SEFE Energy

Manchester
06/2023 - 09/2023

- Conducted in-depth research on volatility detection methods, which significantly contributed to refining prediction model accuracy and pinpointing faulty meter readings. This resulted in a 15% increase in prediction accuracy and 7% reduction in erroneous meter readings.
- Developed and implemented strategies for improving the accuracy and efficiency of outlier and volatility detection methodologies using various tools such as Data Bricks and PyCharm.
- Collaborated with a diverse team of analysts, actively sharing findings and incorporating feedback to enhance ongoing analysis.
- Utilized a range of statistical techniques to interpret complex data sets and conduct in-depth analysis of results. This analytical approach contributed to informed decision-making processes strategic initiatives.

Web Developer
StingsHive

Corvallis
08/2019 - 08/2020

- Created accessible, responsive, and functional user interfaces using HTML5 and CSS3 to allow visitors in any device to have the same perfect user experience, boosting the UX scores by 40%.
- Created a dynamic front-end for web applications using JavaScript and Webflow ensuring compatibility with devices, browsers, and operating systems.
- Ensured website integrity and security by managing back-end development for {500+} daily users.
- Learned and applied design patterns, multi-threading, and concurrency.

EDUCATION

Masters of Science in Data Science
Manchester Metropolitan University

Manchester
09/2022 - 09/2023

- Awards and honours Distinction

Bachelors of Science in Computer Science
Colorado State University Global

Aurora
09/2018 - 06/2022

CERTIFICATION

SQL Server Developer
Datacamp

PostgreSQL
Datacamp

Azure Data Engineer
Udacity - Currently Pursuing

PROJECTS

Volatility Detection
Used machine learning and statistical techniques to detect and score volatility and outliers in meter readings from energy meter readings to better understand the accuracy and precision of the model used.

· Achieved improved prediction accuracy of {15%} in new customer energy usage by presenting project outcomes to stakeholders.

Price Prediction
Utilized raw data sourced from auto traders to forecast car prices, employing regression models that analyzed key attributes including mileage, age, and ownership history.

Android Application
Developed a Pet Health tracker application using Android Studio. The application helps you maintain your pet's data by sending reminders for vaccinations and updates to the vet automatically on specified deadlines.

SKILLS

Algorithms, Artificial Intelligence, Microsoft Azure, Pipelines, Data Integration, Data Manipulation, Data Mining, Data Science, Design Patterns, Excel, Vlookup, Financial Analysis, Java, Javascript, Linux, Machine Learning, T-SQL, MS Office, Multi-threading, PostgreSQL, Power BI, PyCharm, Python, SQL, Statistics, Visual Studio, Webflow, Data Visualisation, Statistical Analysis, HTML, Data Warehousing, ETL, Business Intelligence, Data Structures, Agile, Git, Jupyter Notebooks, Databricks, PySpark, Data Engineering

LANGUAGES

English (Advanced)   Urdu (Advanced)