

M. Sibtain Tariq

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Workings

Business Analyst & Software Developer – Global Trading Company

- Leading data analysis and insights for operational and financial performance using advanced tools to support data driven decision making.
- Successfully identified key areas for sales growth and cost reduction by analyzing historical trends and customer behaviors.
- Designed and currently developing a fully automated internal software system that allows team members to input data on a single page, with all reports, summaries, and calculations automatically updated across the platform.
- Planned integration of a Power BI dashboard for real time performance insights and an AI chatbot assistant to guide users through tasks, answer queries, and increase efficiency.
- This initiative has improved data accessibility, streamlined workflows, and contributed to strategic planning for sustainable sales growth and cost optimization.

Microsoft Power BI Dashboard

- Collected, cleaned, and integrated data from various sources using Power BI's advanced data modeling and transformation features to ensure accuracy and consistency.
- Designed and developed visually engaging dashboards incorporating dynamic charts, KPIs, filters, and slicers to enable real time, interactive data exploration.
- Delivered actionable insights to stakeholders by transforming complex datasets into clear, logical visual stories that supported strategic decision making and performance tracking.

Ethereum Price Forecasting using ARIMA & ARIMAX

- Collected and preprocessed ETH/USDT time series data from Yahoo Finance.
- Applied ARIMA and ARIMAX models to forecast 30 day prices using exogenous variables.
- Evaluated models with RMSE and MAPE, visualizing trends using Matplotlib.

Achievements

- Dean's Honor Roll in 5th Semester
- Selected to present Ethereum price forecasting model in the university's analytics showcase.
- Led a student team to build a sales agent management system adopted by a local business.

Education

Khwaja Fareed University of Engineering & Information Technology (KFUEIT) Bachelor of Science in Data Science (2022-Present)