MOHAMMED ADNAN KP

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Portfolio: https://adnankp009.github.io/portfolio/

Skills

- **SQL** :MySQL, PostgreSQL
- **Python** :Pandas, NumPy, SciPy, MatPlotLib,Seaborn
- **Microsoft Power BI**
- **Excel** :VLookup, Conditional Formatting, Pivot Tables

- **Tableau**
- **Statistical Analysis**
- **Machine Learning**
- **ETL**

Work Experience

DATA ANALYST INTERN– G Data technology **–** Kerala, India   February 2024 - July 2024

- Integrated the healthcare analytics dashboard with the **healthcare management solution**, resulting in a **20% increase in operational efficiency**.
- Performed data exploration, data preprocessing and feature engineering using **MySQL** queries.
- **Automated dashboard creation** for major modules using **Python Dash**, **Plotly**, and **Flask**, **reducing report generation time by 50%.**
- Collected marketing data using **Beautiful Soup** for **web scraping** and from different resources.
- Developed a **marketing analysis** dashboard with **Microsoft Power BI**.

SALES AND MARKET ANALYST – KP traders **–** Kerala, India   July 2021 - November 2022

- Conducted market analysis for crops, identifying trends and opportunities that **increased sales by 20%.**
- Implemented **quality control** measures for crop purchasing.
- Analyzed price data to establish competitive pricing strategies, **enhancing profitability by 25%.**
- Forecasted seasonal price changes, optimizing inventory management and **reducing excess stock by 10%.**

Projects

PREDICTIVE ANALYSIS OF STOCK PRICES WITH LSTM – Personal Project   June 2024

- Developed a stock price prediction model using **LSTM.**
- Utilized Python libraries **(Flask, yfinance, pandas, numpy, scikit-learn, tensorflow, plotly, flask-cors**).
- Created an interactive prediction chart with EMA for analysis.
- Designed the web application **using HTML, CSS, and JavaScript**.

REVENUE ANALYSIS IN HOSPITALITY DOMAIN- POWERBI – Personal Project   May 2024

- Designed a comprehensive revenue analysis dashboard for the hospitality industry using **Power BI**.
- Tracked critical KPIs such as **Revenue, RevPAR, DSRN, Occupancy %, ADR, and Realization**.
- Conducted comparative analysis of realization percentages and ADR across booking platforms.

ECONOMIC DATA ANALYSIS WITH PANDAS– Personal Project   Jul 2024

- Used Python libraries (Pandas, NumPy, Matplotlib, Plotly) to analyze and visualize S&P 500 index, unemployment rates, and labor force participation rates across U.S. states.
- Identified trends in economic indicators, focusing on state-level unemployment and participation rates.
- Leveraged the FRED API for data retrieval, processing large datasets, and creating visualizations.

Education

M.S.C BIG DATA ANALYTICS – Central University of Rajasthan – Rajasthan, India   March 2024

BACHELOR OF COMPUTER APPLICATION – University of Calicut – Kerala, India   April 2021