

MOHAMMED ADNAN KP

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Kerala, India

Skills

- Languages:** Python-Pandas, NumPy, SciPy
SQL-MySQL, PostgreSQL
- Business Intelligence Tools:** Power BI, Tableau
- Data Visualization:** Matplotlib, Seaborn, Dash, Plotly
- Machine Learning:** TensorFlow, Scikit-learn
- Microsoft Office:** Excel (VLookup, XLookup, Conditional Formatting, Pivot Tables)
- Statistical Analysis:** Descriptive Statistics, Hypothesis Testing, Regression Analysis.
- ETL:** Data Scraping, Data warehousing
- Soft Skills:** Critical thinking, Problem solving, Business Acumen

Work Experience

DATA ANALYST – G Data technology – Kerala, India February 2024 - Present

- Enhanced marketing and operational efficiency through data collection and analysis for the **healthcare management solution, Dr Live**.
- Gathered data on hospitals, clinics, and doctors using **web scraping** technology.
- Developed a marketing analysis dashboard with **Power BI**, facilitating targeted strategies.
- Conducted data analysis, **automating dashboard creation** for OPD management, pharmacy, and laboratory modules, **reducing report generation time by 50%**.
- Performed data exploration, preprocessing, and feature engineering using **MySQL**, ensuring data quality.
- Designed user-friendly dashboards using **HTML** and **CSS**, seamlessly integrated with Dr Live.

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

- Analyzed market conditions and trends, making informed purchasing and selling decisions, **increasing profit by 40%**.
- Implemented **quality control** measures and competitive pricing strategies.
- Forecasted seasonal price changes, enabling strategic purchasing and inventory management, **reducing excess stock by 20%**.
- Utilized **Excel** and **Power BI** for data analysis and visualization, providing insights into market conditions and performance.

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**.
- Developed an interactive prediction chart with EMA for analysis and designed the web app 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

- Analyzed and visualized S&P 500 index, unemployment rates, and labor force participation 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