

# 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** – G Data technology – Kerala, India

February 2024 - July 2024

- Collected data for **Marketing analysis** from various web resources using web scraping technology with **Beautiful Soup**.
- Created a **Marketing analysis dashboard** using **Microsoft PowerBI**.
- Utilized **MySQL** queries for accessing and manipulating data across different hospital databases.
- **Automated** dashboard creation for major modules like OPD, pharmacy, and laboratory using Python **Dash, Plotly, and Flask**.
- Integrated the healthcare analytics dashboard with the healthcare management solution.
- Performed data preprocessing and feature engineering for the healthcare analytics dashboard using **MySQL**.

## Projects

**PREDICTIVE ANALYSIS OF STOCK PRICES WITH LSTM** – Personal Project

June 2024

- Developed a stock price prediction **model using LSTM** to predict stock prices for the coming days.
- Used Python libraries including **Flask, yfinance, pandas, numpy, scikit-learn, tensorflow, plotly, and flask-cors**.
- Created an interactive prediction chart with EMA (Exponential Moving Average) for effective analysis.
- Designed the web application using **HTML, CSS, and JavaScript**.

**REVENUE ANALYSIS IN HOSPITALITY DOMAIN- POWERBI** – Personal Project

May 2024

- Utilized **Power BI** to Design and develop the comprehensive revenue analysis dashboard for the hospitality industry.
- Created a performance tracker showing critical **KPIs** such as **Revenue, RevPAR, DSRN, Occupancy %, ADR, and Realization**.
- Developed a comparative analysis of realization percentages and ADR across different booking platforms.

**ROAD ACCIDENT ANALYSIS – EXCEL** – Personal Project

May 2024

- Utilized **Excel** to develop the comprehensive Road Accident Dashboard to analyze and visualize traffic safety data.
- Created an interactive dashboard displaying critical metrics such as total casualties, fatalities, and injuries categorized by severity.

**COMPREHENSIVE SALES ANALYSIS -TABLEAU–** Personal Project

Jul 2024

- Used **SQL** for data exploration and cleaned data using Tableau's **ETL** processes.
- Analyzed revenue trends, top markets, customers, and products using Tableau visualizations.
- Provided actionable insights for strategic decision-making based on the analysis.

## 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