

Skills

- SQL (MySQL, PostgreSQL)
- Python (Pandas, NumPy, SciPy, Matplotlib, Seaborn)
- Microsoft Power BI
- Excel (VLookup, Conditional Formatting, Pivot Tables)
- Tableau
- Statistical Analysis
- Machine Learning

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 management, 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.
- Ensured the dashboard provides a holistic view of revenue performance, enabling data-driven decision making for management.

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.
- Ensured the dashboard provides a holistic view of road accident data, enabling data-driven decision making for traffic safety improvements.

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