Soham Joshi

Mumbai • Soham0144@gmail.com • +91 8169521859 • [Portfolio] • [LinkedIn] • [GitHub]

Education

NMIMS Mukesh Patel School of Technology Management & Engineering   Mumbai, India
B.Tech in Computer Science (Data Science)   (Ongoing)

Leadership & Activities

- Volunteer, Beach Patrol Volunteer Team (Jan 2018 – Sep 2021)
- Organizer, Palm Premier League Cricket Tournament managing logistics, sponsorship, execution (July 2023 & 2024)
- Executive, Social Conclave, and partner for United Nations–affiliated global conference (May 2024)
- Volunteer, Community Teaching Program, Prayas (May 2024)
- Winner, Digital Dashboard Competition- MPSTME (2024)

Projects

Agro-Food Sector CO_2 and Temperature Forecasting   October 2024

- Built predictive models using Holt's and Winter's Methods to analyze CO_2 emissions and temperature trends.
- Developed interactive dashboards for trend visualization using FAO and IPCC datasets.
- Improved accuracy through validation with MAE and MSE metrics.

Pharmacy Management System   March 2024

- Designed Python-based software with a Tkinter GUI for inventory, sales, and transaction management.
- Integrated automated backups, low-stock alerts, and real-time analytics for optimized operations.

Yulu Bike Demand Prediction   July 2024

- Conducted statistical analysis using ANOVA and t-tests to examine rental demand trends.
- Identified significant predictors and optimized rental forecasting through data categorization.

Hotel Management System   November 2023

- Created C++-based system for room allocation, check-in/check-out management, and billing.
- Implemented secure file handling to enhance data protection and ensure operational efficiency.

Skills & Interests

- **Technical:** Python, C, C++, SQL, HTML, CSS
- **Tools:** Tableau, Power BI, Matplotlib, Git, Advanced MS Office
- **Soft Skills:** Problem-Solving, Teamwork, Leadership, Critical Thinking, Communication
- **Interests:** Machine Learning, Statistical Analysis, Data Visualization, Forecasting

CERTIFICATIONS

- BCG Data Science Job Simulation (Aug 2024)
- JPMorgan Excel Skills Job Simulation (Jul 2024)
- Tata Data Visualization Simulation (Aug 2024)
- IBM Data Science Tools (Jan 2025)