Soham Joshi

Profile

Data Science student with hands-on experience in Python, C++, and data visualization using tools such as SAS, Power BI, and Tableau. Committed to machine learning and big data analytics, with a focus on solving real-world problems through data-driven insights. Actively expanding skills through online courses and practical projects, with a proven ability to collaborate in team environments. Eager to apply analytical expertise to contribute meaningfully to innovative data solutions.

Education

Higher Secondary (12th) Pace Junior Science College

JUNE 2021 — FEBRUARY 2023

BTECH CSDS (311), SVKM's NMIMS Mukesh Patel School of Technology Management & Engineering

JULY 2023 — JULY 2027

Projects

Hotel Management System (Mumbai)

DECEMBER 2023 — APRIL 2024

We applied the techniques learned in our course to develop and refine a hotel management system, ensuring its efficiency and effectiveness in optimizing operations and enhancing guest experiences.

- Utilized C++ programming language to create a user-friendly interface for managing customer check-ins, check-outs, and restaurant orders.
- Implemented features for reception, restaurant, and managerial functionalities.
- Successfully integrated different databases for managing room availability, customer records, and restaurant menu items.
- Demonstrated adaptability and problem-solving skills in addressing unforeseen issues during project development.

Predicting Yulu Bike Demand (ANOVA)(Mumbai)

DECEMBER 2023 — APRIL 2024

Applied statistical techniques from our coursework to analyze the Yulu bike sharing data. This project aimed to enhance the precision in forecasting bike demand by identifying significant environmental influences.

- Employed Python to conduct statistical analyses using ANOVA, assessing the impact of varying weather conditions and seasons on bike rental frequency.
- Analysed continuous environmental data, converting these into categorical variables for precise ANOVA application.
- Performed T-tests to specifically determine which weather and seasonal conditions significantly influence bike demand.
- Provided insights that helped optimize operational strategies and fleet management, boosting Yulu's market efficiency and customer satisfaction.

Details

Mumbai, India
+91 8169521859
soham0144@gmail.com

Links

LinkedIn

Skills

Python

Tableau

C++

SAS

AutoCAD

Statistical Analysis

Problem Solving

Leadership

Languages

English

Hindi

Marathi

Experience

Beach Patrol Volunteer Team (Mumbai)

JANUARY 2018 — SEPTEMBER 2021

The Sea Guardian Lifeguard's Beach Patrol Volunteer Team helped combine my passion for environmental conservation and desire to serve the community by helping in:

- Keeping the beach clean by being a part of regular clean-up drives.
- Promoting awareness about plastic pollution and responsible waste disposal to protect marine life.

Volunteer, Sea Guardian Lifeguard (Mumbai)

MAY 2024

- Actively participate in community outreach programs to promote beach safety and environmental awareness.
- Collaborate with team members to organize awareness campaigns focused on keeping beaches clean.
- Engage with the public to raise awareness about ocean conservation and safety measures.
- In collaboration with Prayas, taught children about beach safety and environmental conservation, fostering a sense of responsibility towards the ocean.

Certifications

BCG - Data Science Job Simulation

FORAGE | AUGUST 2024

- Conducted a customer churn analysis simulation, identifying key client data and outlining a strategic investigation approach.
- Analysed data using Python and utilized visualization techniques for trend interpretation.
- Developed a random forest model with an 85% accuracy rate in predicting churn.

Tata Group - Data Visualization: Empowering Business with Effective Insights Job Simulation

FORAGE | AUGUST 2024

- Developed data visualizations for Tata Consultancy Services to support decision-making.
- Prepared questions for meetings with senior leadership to enhance client interactions.
- Created visuals to facilitate data analysis for executives.

Extra-curricular activities

Community Cricket Event Organizer

JULY 2023

- Spearheaded the organization of the Palm Premier League cricket tournament, overseeing logistics and event execution.
- Recognized by MLA Aslam Shaikh for exceptional contributions to community engagement.

Social Conclave Executive

- Developed and implemented marketing strategies for a prestigious event in collaboration with the United Nations.
- Fostered partnerships with stakeholders and sponsors to support event objectives.

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