Kamal Soni

Data Analyst & Tech Developer

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Summary

Scholar at IIT Kharagpur Working in the domains of multimodal urban transportation, safety and risk, and financial feasibility with a strong background in statistics and analytics.

Click here for **my portfolio**

RELEVANT SKILLS

- Major Domain of Analytics :
  1. Transportation
  2. Safety and Risk
  3. Finance
  4. Sales
- Project management
- Data Research
- Data Analytics
- Python

VOLUNTEER WORK AND INTERESTS

Application Developer
Adore India, NGO

Member
National service scheme (NSS)

LANGUAGES

- English
- Hindi
- Gujarati

WORK EXPERIENCE

Management Intern
International Centre For Entrepreneurship And Technology, Ahmedabad,
a National firm that specializes in Entrepreneurship and innovation
December 2022 to Jan 2023 (1.5 months)
- Assist in organizing events and workshops
- Conduct market research and analysis
- Assist in developing and implementing business plans
- Provide regular progress reports to the management team

Data Science Intern
YoShop.com, Remote,
an e-commerce startup firm
Novermber 2022 to Jan 2023 (3 months)
- Data Cleaning and segregation
- Data Visualization
- Classification and model building
- Statistical Adequacy
- Web scrapping

EDUCATION HISTORY

Master of Technology (M.Tech), in Infrastructure Design and Management
Institution: IIT, Kharagpur
Year of Graduation: 2024
- GPA - 8.68/10
- AIR - 475

COURSES

- Python for Data Science - IIT Madras
- Statistics and computer programming - IIT KGP
- Safety and Risk analytics - IIT KGP
- Financing of a Project - IIT KGP
- Business Analytics - IIT KGP
- Design and analysis of algorithms - CMI

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PREVIOUS PROJECTS:

Adore Video conference web application, 2022

App:
https://kamal3839.pythonanywhere.com/

- A new conference can be hosted by assigning a unique room ID.
- By sharing the unique room ID, other people can join the conference.
- Pros: No need to share the link; only one word is enough to invite
- Pros: I love it. India is currently using this for conducting study sessions.

Prediction of flight ticket, 2022

Git-hub link:
https://icekamal786/Predict-the-Flight-Ticket-Price

- This project is executed using machine learning techniques.
- Libraries used: numpy, pandas, seaborn, matplotlib, missingno, sklearn
- Statistical analysis: univariate analysis, correlation analysis, heatmap representation, and feature scaling.
- Algorithms: linear regression, polynomial regression, random forest, random forest with hyperparameter tuning, XGB regressor with hyperparameter tuning, weighted average ensemble.

Gujarat Government Rural improvement project - Vishwakarma Yojana , 2021

Detailed Report:
https://drive.google.com/file/d/1P_sYFUlap407MXmmOiBkzzk2Z76ZZ4_f/view?usp=drivesdk

- For the development of rural areas in North Gujarat, a government Yojna was created.
- We built up a detailed project report and submitted it to the DDO (District Development Officer) and the TDO (Taluka Development Officer).
- The detailed report, which includes 12 civil engineering technical designs and a whole bunch of socio-economic survey data collected on-site.