SAIYAM SHAH

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EDUCATION

Bachelor Degree
K. J. Somaiya College of Engineering

📅 Jun '17 – Jun '21   📍 Mumbai, India

- Electronics and Telecommunications Engineering - 7 CGPA

WORK EXPERIENCE

Data Science Intern
Railofy

📅 Jan '21 – June '21   📍 Mumbai, India

- Automated an entire module of static files containing multiple datasets. Successfully managed to reduced the turnaround time by 7 days.
- Developed a module to generate predicted and actual values on the weekly rail logs.
- Processed the documentation of ML pipelines created at the company, hence gaining an overall understanding of pricing and prediction logs.

Data Analysis Intern
JobsQuest

📅 Aug '20 – Oct '20   📍 Mumbai, India

- Retrieved the tweets of rival Ed-Tech portals and analyzed their position in the market.
- Performed Sentiment analysis on the tweets posted by Ed-Tech Portals.
- Assisted the company in understanding the views of the people with respect to jobs and internships.

Marketing Intern
Unschool India

📅 June '19 – Aug '19   📍 Mumbai, India

- Assisted and coordinated with the marketing team to plan strategies for company growth.
- Represented the company in colleges across Mumbai and championed over 200 registrations.

SKILLS

Technical Skills
- Python,MySQL,Tableau,PostgreSQL
- Visualization,Analytics,ML,NLP,Probability and Statistics

Communication Skills
- Corporate Communication
- Problem Solving
- Critical Thinking

RESEARCH WORK

Contributing Writer-Towards Data Science
- Getting familiar with Tweepy, NLP and Seaborn - Job Recruitment.

PROJECTS

Online Retail Recommendation Engine (ongoing)
- Data cleaning and feature engineering of Myntra data using pandas.
- Building a recommendation engine which recommends a cheaper product in comparision to the selected one.
- Used models like KNN, Gradient Booster and K means clustering to get the required output.
- Technologies used- Python,Jupyter Notebook,HTML.
- Libraries used-Pandas,Seaborn,Numpy,Matplotlib.

Portfolio Optimization using Monte Carlo simulation
- A portfolio which has the minimum risk for the desired level of expected return.
- A portfolio which gives the maximum expected return at the desired level of risk (risk as measured in terms of standard deviation or variance).
- A portfolio which has the maximum return to risk ratio (or Sharpe ratio).
- Technologies used- Python,Jupyter Notebook,HTML.
- Libraries used-Pandas,Numpy and pandas datareader.

Spam Email Classfier
- Performed pre-processing on a pre defined data-set containing contents of over 5000 emails.
- Performed various NLP attributes like stemming and tokenization on the data.
- Used Naïve Bayes Classifier to segregate the data into spam and not spam.
- Technologies used- Python,Jupyter Notebook,ML, NLP.
- Libraries used-Pandas,Numpy,Sklearn,nltk.

COURSES

- IBM (Coursera)- Python for Data Science, AI and Development.
- UC Davis (Coursera)- Visual Analytics with Tableau.
- IIT Kanpur (NPTEL)- Introduction to Database Systems.

SOCIAL WORK

KJSCE Parvaah
- At Parvaah we took up the initiative of a Zero Waste Community. We created awareness drives with the Ecorun (Marathon),Signalshaala and Secret Santa.

Department of Atomic Energy
- Assisted and coordinated with the outreach team and helped in executing experiments at the exhibition held by DAE.