Rutu Desai

(732) 401-6075

363 Horizon Dr, Edison, NJ 08817   rutudesai2903@gmail.com

SUMMARY

Data Science graduate student with an undergraduate degree in Computer Science and Engineering. Strong analytical and visual skills with proficiency in softwares -Tableau, Microsoft Excel. Advanced coding & programming skills in Python, SQL. Passionate about developing meaningful insights from data analysis.

EDUCATION

Rutgers University, New Brunswick, NJ

Master of Science in Data Science   *E 5/2023*

Relevant Coursework:

Data Mining, Data Wrangling and Husbandry, Database, Probability and Inference for Data Science, Regression and Time Series for Data Science, Introduction to Data Structures and Algorithms, Data Visualization, Statistical Learning for Data Science, Python, Big Data Analytics, Tableau, Probability, Mathematics for Data Science, Google Data Analytics.

Manipal University Jaipur, Jaipur, India

Bachelor of Technology in Computer Science and Engineering, CGPA 9.01/10.00   *7/2021*

PROFESSIONAL EXPERIENCE

Accenture India

Application Development Associate   *2021*

- Completed the pre-learning courses including relational database management system (RDBMS), Structured Query Language during on boarding process.

Inventgrid Technologies India Pvt. Ltd.

Software Developer Intern   *2021*

- Created Proof of Concepts (POC's) as per the requirements of the clients
- Worked with the frontend team to make frontend website changes using HTML, CSS, Bootstrap.
- Came across new Software Tools-Spring Tools Suite 4.0 and worked with Frameworks-MVC, Maven, SpringBoot.

RESEARCH PROJECTS

Chance of Admission Predictor   *2020*

- Created a web application that predicts the chances (percentage) of being admitted to an Elite University for Graduate Program. The dataset included data for students applying to UCLA only.
- Worked on EDA of the Dataset using Python. Applied different regression models and used the model with highest accuracy as the final model of the web application, using Streamlit framework in Python.
- Link : https://drive.google.com/file/d/1B85kKSNec6c77_RpFQ45d8E__jXRgrA8/view?usp=sharing

Sentiment Analysis-Comment Classification   *2020*

- Main aim of the project was to classify comments into 3 categories: 1) Positive 2) Negative 3) Sarcastic**.**
- Used Natural Language Processing (NLP) to achieve the task and results.
- Using Selenium, web scraped comments from different genres of YouTube videos to test our model.
- Created word2vec embedding for both CBOW and SkipGram models and then applied different classification models to predict the output class of each comment in the test dataset.

TECHNICAL AND OTHER SKILLS

Core Domain Expertise: Data Analysis, Data Visualization, Tableau, Python, SQL, Machine Learning Modeling

Computing and Programming: Python, SQL, C, Microsoft Excel

Libraries: Pandas, Numpy, Scikit-Learning, NLTK

Workplace and Teaming: Resourceful Team Player, easy to work with

Interests: Data Analysis and Visualization, Tableau, Listening Light Music.

HONORS AND ACTIVITIES

Tableau Desktop Specialist Certified   *2021*

- Achieved Tableau Desktop Specialist Certification : https://www.credly.com/users/rutu-desai.3bee7a9f

Front-End Web Development *(TA)*   *2019-2020*

- I was a part of the ACM Student Chapter as a Teaching Assistant for front-end Web Development.

Certifications   *2017-Current*

- Data Analysis with Python-IBM, Data Visualization with Python-IBM, Google Data Analytics Specialization (in progress), Data Science Math Skills-Duke University, Pandas-Kaggle, Data Visualization-Kaggle

PROFILES

Website: https://rutudesai.github.io/

LinkedIn: https://www.linkedin.com/in/rutu-desai-874000194/

Tableau Public: https://public.tableau.com/app/profile/rutu8663

Hackerrank: https://www.hackerrank.com/rutudesai2903

leetCode: https://leetcode.com/rutudesai2903/