

**Rutu Desai**  
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## **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.

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## **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*

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## **PROFESSIONAL EXPERIENCE**

**Accenture India**

*Application Development Associate*

*5/2021-7/2021*

- 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*

*1/2021-5/2021*

- 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.

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## **RESEARCH PROJECTS**

**Chance of Admission Predictor**

*7/2020-9/2020*

- Created a web application that predicts the percentage of being admitted to an Elite University (UCLA Dataset) for Graduate Program.
- Worked on EDA and predictive modeling of the data using Python. Developed web application using Streamlit.
- Link : <https://chance-of-admission-predictor.herokuapp.com/>

**Sentiment Analysis-Comment Classification**

*1/2020-6/2020*

- Classification of comments into 3 categories: 1) Positive 2) Negative 3) Sarcastic.
- Using Selenium, web scraped comments from different genres of YouTube videos to train and 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.

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## **TECHNICAL AND OTHER SKILLS**

**Core Domain Expertise:** Data Analysis, Data Visualization, Tableau, Python, R, 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, Cooking and exploring new food dishes.

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## **HONORS AND ACTIVITIES**

**Google Data Analytics Professional Certificate**

*2/2022*

- See my Badge at : <https://www.credly.com/users/rutu-desai.3bee7a9f/badges>

**Tableau Desktop Specialist Certified**

*2/2021*

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

**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.

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## **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/>