

# Jolina Minezes

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## EDUCATION

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### NSOMASA, NMIMS, Mumbai

MSc Statistics & Data Science

Jul 2022 – May 2024

### D.G.Ruparel College of Arts, Science & Commerce

BSc Statistics

Jul 2019 – May 2022

CGPA – 8.20/10

## PROJECTS

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### Automatic Number Plate Recognition Systems

Feb 2023 – April 2023

- Trained a Convolutional Neural Network (CNN) on a dataset of 484 Indian car images, achieving precise license plate recognition.
- Performed image processing & object detection using OpenCV & character segmentation & recognition using TensorFlow.
- Used EasyOCR for optical character recognition, resulting in 87% accuracy rate.

### Diamond Price Prediction

March 2023 – Apr 2023

- Performed data preprocessing & EDA of historical Diamond dataset consisting of 53940 entries based on 10 features of a diamond like carat, cut, colour, etc.
- Used python libraries like Pandas, numpy, seaborn, sklearn.
- Compared 3 Statistical models like linear regression, Decision tree regressor and Random Forest regressor.
- Random Forest regressor gave the best model fit with a minimal 1.25% mean squared log error and predicted the actual market price of a new diamond.

### Restaurant Sales Data Analysis

Sept 2022 – Nov 2022

- Conducted comprehensive restaurant sales data analysis using two datasets (data size:500 after merging), employing Excel and SQL techniques for data preprocessing and visualization.
- Developed and implemented an aesthetically-pleasing Excel dashboard showcasing key performance indicators, enabling stakeholders to identify actionable insights for driving business growth and achieving around 15- 20% increase in customer retention.
- Utilized advanced SQL queries, including subqueries, RANK, and DENSE\_RANK, to identify top-selling cuisine: North Indian, peak sales periods: 2 pm, and assess customer preferences.

## EXTRA CURRICULAR ACTIVITIES

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### Student Volunteer

- Participated and coordinated the annual college festival 'Enumeratia', including a team of 20 volunteers and around 150 students, fostering a vibrant and inclusive atmosphere throughout the event.

### Awards & Achievements

- Developed SQL proficiency by earning a prestigious Badge on HackerRank, successfully completing 50+ coding challenges.

### Conference

- Attended "International Conference on Statistics - New Age Statistics for Data Science and Artificial Intelligence 2023" held by NSoMASA, NMIMS, Mumbai.

## CERTIFICATIONS

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- Business Analytics with Excel – Simplilearn
- Introduction to SQL - Simplilearn
- Virtual Experience of Accenture with Excel using Social Buzz dataset (Data Analytics and Visualization) by Forage
- Virtual Experience of Tata with Tableau Prep Builder (Data Visualization: Empowering Business with Effective Insights) by Forage

## SKILLS & INTERESTS

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**Hard Skills:** Python | SQL | Tableau | MS Excel | MS PowerPoint | R Programming | EDA & Visualization | Statistical Analysis and Predictive Modelling | Machine Learning | NLP

**Interests:** Playing Chess | Traveling | Pencil Sketching