

# Siddhant Deokar

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## SKILLS

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Tools: SQL, Python , Excel

Libraries: Pandas, Numpy, Matplotlib, Seaborn, Scikit-Learn

DataBase: MS SQL, PostgreSQL

Other: Data Analysis, Machine Learning

Languages: Marathi, Hindi, English

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## EDUCATION

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### Bsc Data Science And Business Analytics

School of Data Science and Business Intelligence • Mumbai • 2025

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## PROJECTS

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### Car Price Prediction

- Optimized the dataset by addressing non-numeric values, converting data types, and removing outliers to ensure high-quality data for modeling.
- Developed and trained a Linear Regression model with one-hot encoding and column transformation, achieving an **R<sup>2</sup> score of 0.85**.
- Showcased the model's ability to provide reliable price estimates, demonstrating its potential for informing pricing strategies and decision-making processes in the used car market.

### Decision Tree Model Of Credit Risk

- Improved data integrity by correcting misleading data types and handling categorical variables, which set the foundation for accurate model training.
- Optimized model performance through pre-pruning and post-pruning techniques, followed by a second round of tuning using GridSearchCV to select the best parameters.
- Achieved a model with an **80% AUC score**, demonstrating strong predictive capability in assessing credit risk.

### Restaurant Menu System Using VBA:

- Automated the ordering process, allowing customers to place orders themselves.
  - This saves time for order takers as customers can select items and confirm orders.
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## CERTIFICATIONS

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### Python For Data Science And Machine Learning Bootcamp

Udemy • 2024

### The Complete SQL Bootcamp : Go From Zero To Hero

Udemy • 2023

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