

# SANJAY CHAUHAN

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## OBJECTIVE:

Aspiring Data scientist with a strong foundation in statistics and a passion for solving real-life problems through data analytics. Having a **master's degree in statistics**, I have worked on numerous projects that showcase my analytical skills, technical expertise, and proficiency in data analysis tools.

## SKILLS:

Programming	Python, SQL
Visualization	Power BI, Plotly, Matplotlib, Seaborn, Excel Charts
Data Science	Machine Learning, Excel, Pandas, Numpy, Web Scraping, EDA
Database	MySQL
Soft Skills	Team Work, Time Management, Adaptability.

## EDUCATION:

Ramniranjan Jhunjhunwala - Masters in statistics	July 2023 - April 2025
CGPA : 8.8/10	
Ramniranjan Jhunjhunwala - Bachelor in statistics	June 2020 - April 2023
CGPA : 8.6/10	

## PROJECTS:

### MUMBAI REAL ESTATE ANALYSIS AND PREDICTION

- Scraped data from Housing.com using Selenium and BeautifulSoup.
- Cleaned and preprocessed the data using pandas and numpy.
- Removed outliers using box plots and histogram, conducted EDA to identify key trends.
- Applied feature selection techniques to do feature selection.
- Experimented with multiple models including Linear Regression, Decision tree, SVR, Random Forest achieved  $R^2$  of 87% and MAE of 49 lakhs using Gradient Boosting Regressor.
- Created a user-friendly web page using streamlit and deployed the model on streamlit cloud.

link : <https://sanjaychauhan001-mumbai-real-estate-project-home-ixw0va.streamlit.app/>

### FLIGHT INFORMATION WEBPAGE USING STREAMLIT AND MYSQL

- Developed an interactive webpage using Streamlit to display flight information dynamically.
- Stored the data in MySQL, Connected MySQL with Python using **mysql.connector**.
- Wrote dynamic SQL queries based on user selections.
- Fetches, processes, and visualizes data using Matplotlib and Seaborn to provide meaningful insights.

link : <https://github.com/sanjaychauhan001/sql-python-flight-dashboard>

## CERTIFICATION:

Machine learning from udemy by krish naik  
SQL Beginner to Advanced for Data Professionals from codebasics  
Advance Excel