

Niraj Chaudhari

Data Analyst

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Data Analyst with a passion for Data Science & Analytics, I am an enthusiastic individual equipped with a strong background in Business Administration and Finance. My extensive training in data science methodologies, combined with proficiency in programming languages and analytical skills, allows me to deliver actionable insights and solve real-world challenges. Eager to apply my skills to innovative projects and further enhance my expertise, I am poised to excel in this dynamic field.

EDUCATION

10th Maharashtra State Board, India

May 2018

Percentage: 88%

12th Maharashtra State Board, India

May 2020

Percentage: 81.86%

Sinhgad College of Science, Pune, India

Aug 2020 – Jul 2023

Bachelor of Business Administration (Finance) | CGPA: 9.11/10.0

IIT Madras Degree Program (CODE)

Jan 2022 – Dec 2022

Foundation Level in Programming and Data Science | CGPA: 7.8/10.0

- Mastered Python programming for data manipulation, analysis, and visualization.
- Gained a strong understanding of mathematical concepts relevant to data science, including linear algebra, calculus, and probability theory.

Great Learning, Pune

Aug 2023 – Mar 2024

PGP Data Science Engineering | [Academic e-Portfolio](#)

- Acquired practical skills in MySQL for database management, including querying, data manipulation, and design principles.
- Mastered Python for exploratory data analysis (EDA) and statistical methods essential for machine learning.
- Explored supervised learning techniques, focusing on model evaluation and interpretation, and developed a comprehensive understanding of machine learning algorithms for predictive modelling.

SKILLS

Programming and Database Management: Python, MySQL

Data Analysis and Visualization: Pandas, NumPy, Data Analysis, Statistical Analysis, Exploratory Data Analysis (EDA), Data Cleaning, Data Visualization, Matplotlib, Seaborn, Power BI

Machine Learning and Web Scraping: Machine Learning, Classification, Regression, BeautifulSoup (Web Scraping)

PROJECTS

- **Loan Default Analysis & Prediction**

GitHub Link: <https://github.com/nirajc170503/Loan-Default-Prediction>

In this project, we are going to take the loan applicant data provided by Home Credit group and identify the applicants who are most likely to default using Supervised machine learning technique, and explore the dataset for insights.

- **Data-Extraction & Sentiment Analysis**

GitHub Link: <https://github.com/nirajc170503/Data-Extraction-Sentiment-Analysis>

The objective of this project is to extract textual data articles from the given URL and perform text analysis to compute variables for determining the sentiment of the article.

- **Vehicle Insurance Prediction**

GitHub Link: <https://github.com/nirajc170503/Vehicle-Insurance-Prediction>

Designed and implemented a machine learning model to assist insurance companies in making informed decisions on claim acceptance or rejection, based on historical data analysis.

- **Indian Food Delivery Analysis**

GitHub Link: <https://github.com/nirajc170503/Analysis-of-Zomato-dataset>

Analysed Zomato data to identify top restaurant chains and determine the ratio of restaurants providing table booking, as well as the difference in votes between restaurants accepting and not accepting online orders, using Python for analysis and visualization to provide actionable insights for new restaurants.