

Ankita Chaudhari

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📍 Pune

PROFILE

I am a highly motivated and meticulous data professional with extensive experience in data analysis, and ML/DL model development. I have a deep understanding of business requirements and excel in building robust data pipelines and extracting vital insights. My expertise in data visualization and preprocessing further strengthens my abilities, making me an exceptional candidate for **data analyst and data scientist** roles. I have a proven track record of delivering high-quality results and I am confident in my ability to drive impactful solutions and contribute to your organization's success.

SKILLS

Programming Languages and Databases (Python, SQL, MongoDB)

Technical Skills (Statistics, Statistical Analysis, Predictive Modelling, Data Visualization, Data Manipulation, Data Mining, Data Cleaning, Exploratory Data Analysis, Python Scripting, Machine Learning, Deep Learning, Natural Language Processing)

Libraries (Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, SciPy, Keras, TensorFlow)

Cloud (Amazon Web Service)

Tools (Git, GitHub Actions, CI/CD, Postman, Tableau, Power BI, Power Query, DAX, Extract, Transform, Load(ETL), Excel)

Web Frameworks (Flask) | **Operating Systems** (Windows, Linux)

Soft Skills (Communication skills, Adaptability, Problem Solving skills, Analytical Skills, Critical Thinking, Leadership Skills, Time Management)

PROFESSIONAL EXPERIENCE

Machine Learning Intern, *Bharat intern*

Jul-2023 to Aug-2023

Wine quality price prediction

- ♦ Engineered features from wine characteristics dataset to quantify quality and price-influencing factors
- ♦ Utilized machine learning techniques including regression models to predict wine quality scores and market prices.
- ♦ Evaluated model performance using metrics such as RMSE and R-squared.
- ♦ Effectively communicated complex technical concepts to non-technical stakeholders through presentations and reports

House price prediction

- ♦ Developed a machine learning model to forecast house prices based on crucial attributes.
- ♦ Executed exploratory data analysis (EDA) to unveil patterns and correlations within the data.
- ♦ Engineered relevant features and employed feature selection to enhance model accuracy.

Data Scientist Intern, *Oasis infobyte*

Jul-2023 to Aug-2023

Car price prediction

- ♦ Developed ML model to predict car prices based on features.
- ♦ Collaborated with team to refine model and enhance accuracy.
- ♦ Contributed insights in cross-functional discussions

Iris flower

- ♦ Utilized Python and popular libraries like NumPy, Pandas and Scikit-learn to handle, process, and analyze the dataset
- ♦ Implemented data visualization techniques, creating clear and concise plots to communicate findings.
- ♦ Implemented machine learning algorithms for species classification, achieving high accuracy.

Unemployment Analysis with python

- ♦ Utilized Python for comprehensive analysis of unemployment trends during the COVID-19 pandemic.
- ♦ Gathered and cleaned relevant economic data, ensuring accuracy and consistency.
- ♦ Utilized Python libraries (e.g., pandas, matplotlib) for data manipulation and visualization

Data Scientist Intern, *iNeuron Intelligence PVT LTD*

Mushroom classification

Nov-2022 to Mar-2023

- ♦ Developed machine learning model for mushroom classification using algorithms like Logistic regression, SVM, decision tree, random forest and KNN
- ♦ Data preprocessing, Categorical encoding was done to clean data
- ♦ Created a user-friendly API using Flask to enable real-time mushroom classification

Swiggy Analysis Bangalore outlet

Aug-2022 to Apr-2023

- ♦ Developed Power BI interactive dashboard for Swiggy to track performance metrics and key indicators.
- ♦ Created visually appealing data visualizations to present complex data in an easily understandable format.
- ♦ Implemented interactive filters and slicers for dynamic data exploration
- ♦ Presented analysis findings and insights using Power BI's storytelling capabilities

Assistant Professor(Mathematics),Government Polytechnic, Pune

Jun-2019 to Jun-2022

Assistant Professor(Mathematics) ,College of Military Engineering, Pune

Apr-2018 to Mar-2019

PROJECTS

Google Play Store Apps Analysis

- ◆ Performed an extensive analysis of the Google Play Store dataset, investigating the different facts of the app market.
- ◆ Used Python to preprocess, clean, and explore the data, including data cleaning and formatting and data exploration.
- ◆ Identified key trends and insights from the data, such as the most popular app categories, the average rating of apps, the number of reviews per app, and the download trends over time
- ◆ Communicated the findings and trends of the analysis using data visualization techniques

APS Sensor Fault Detection

- ◆ Implemented ADAS Failure Detection for Heavy-Duty vehicles.
- ◆ Reduced maintenance expenses and improved efficiency.
- ◆ Developed scalable system with relevant Technologies and Cloud Services.
- ◆ XGBoost Classifier model used in the system outperformed other models, achieving an accuracy of 99.6% at a cost of 295.

Amazon Sales in India

- ◆ Conducted an in-depth analysis and visualization of Amazon sales data in the Indian market using Tableau.
- ◆ Successfully identified and examined significant trends and patterns within the sales performance of Amazon in India.
- ◆ Explored various aspects including product categories, customer behavior, and regional distribution of sales, within the dynamic Indian market.
- ◆ Skillfully developed interactive Tableau dashboards to deliver actionable insights aimed at enhancing sales strategies for Amazon India

EDUCATION

Master's Degree, Mathematics, University of Pune

Percentage:60.60%

2016

Pune, India

Bachelor's Degree, Mathematics, K.T.H.M College

Percentage:73.58%

2014

Nashik, India

HSC, K.T.H.M College

Percentage:61.33%

2011

Nashik, India

SSC, Nashik Board

Percentage:70.76%

2009

Nashik, India

CERTIFICATIONS

Full Stack Data Science (iNeuron.ai)

Python Programmer(Kaggle)

LANGUAGES

English, Marathi, Hindi