

# Ankita Chaudhari

Data Science | Data Analyst | ML Engineer

## CONTACT INFO

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## CERTIFICATIONS

- ❖ Full stack Data Science master's – iNeuron.AI
- ❖ Python Programmer – Kaggle

## SKILLS

### Programming Languages / Tools

- ❖ Python
- ❖ Jupyter Notebook
- ❖ VS Code / PyCharm

### ML Libraries

- ❖ Pandas/ NumPy/Sklearn
- ❖ Seaborn/Plotly/Matplotlib

### Database

- ❖ Mongo DB
- ❖ MySQL

### Version Control

- ❖ Git Hub

### Deep Learning

- ❖ TensorFlow
- ❖ Keras

### Cloud Deployment

- ❖ AWS
- ❖ Heroku

### Visualization Tools

- ❖ Tableau(learning)
- ❖ PowerBI

### Mathematics for ML

- ❖ Statistics
- ❖ Algebra
- ❖ Probability
- ❖ Calculus

## ABOUT ME

As a data science engineer, I have a strong background in statistical analysis. I have experience working with large and complex data sets, using a variety of tools and technologies to extract meaningful insights. My skillset includes programming languages such as Python, as well as expertise in machine learning and data visualization. I am highly skilled in working with both structured and unstructured data and have a proven track record of developing effective data-driven solutions to real-world problems. I am excited to bring my skills and experience to a new team and contribute to the development of innovative data-driven products and solutions.

## EXPERIENCE

- **Data Science Intern at iNeuron** (May2022 – till date)

### Machine Learning:

#### Air Pressure System Fault Detection

- During this assignment I used Jupyter notebook along with Pandas, NumPy, seaborn etc. libraries extensively to create a POC.
- Implemented the entire ML pipeline starting from EDA till deployment in AWS utilizing VS code and Github Actions.
- Under this I worked on Supervised ML algorithm and identified the max accuracy with xgboost.

#### Boston House Price Prediction

- For this projected, post EDA and different visualizations evaluated it to be providing highest accuracy for predictions using Linear Regression algorithm.
- After the primary POC in Jupyter notebook, implemented this in VScode and created an API and deployed using Flask framework.

#### Mushroom Classification

- For this classification problem I tested all the classification algorithms post the basic EDA.
- Resulted in giving the best accuracy for this problem.

### Data Visualization:

#### HR Analytics Interactive Dashboard

- Used Power BI to analyze HR analytics data related to employee attrition rates.
- Created visually appealing dashboards to monitor key HR metrics.
- Implemented dynamic filters for enhanced user interactivity.

#### Swiggy Analysis Bangalore Outlet Dashboard

- Implemented dynamic filters and slicers for interactive exploration of outlet data.
- Communicated findings effectively through intuitive data visualizations and interactive features.

- **Asst. Professor (Maths) GP Pune** (Jun 2019 – Jun 2022)
- **Asst. Professor (Engg. Maths) CME Pune** (Apr 2018 – Mar 2019)

## EDUCATION

**M.Sc. Mathematics – 2016**  
60.60 % University of Pune

**B.Sc. Mathematics – 2014**  
73.58 % Nashik Board

**HSC- 2011**  
61.33% Nashik Board

**SSC – 2009**  
70.76% Nashik Board