

# Ankita Yadav

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## EDUCATION

**KIT'S College of Engineering, Kolhapur**

**Kolhapur**

*B.Tech in Data Science*

*December 2021-May 2025*

- o **GPA:** 9.3/10
- o **Related Coursework:** Data Structures & Algorithms, Linear Algebra, Probability and Statistics, Database Management System, Exploratory Data Analysis, Machine Learning, Deep Learning, Natural Language Processing

## SKILLS

- **Programming Languages and Tools:** Python(Pandas, Numpy, Scikit-learn, Matplotlib), Java, SQL, MYSQL, C, Excel, PowerBI, Tableau, Github, Canva
- **Data Science and Machine Learning:** Data Preprocessing, Data Visualization, Time Series Analysis, Regression, Classification, Tensorflow, Neural Networks

## EXPERIENCE

**Celebal Technologies**

**Pune - Remote**

*Data Science Intern*

*June 2024- August 2024*

- Gained hands-on experience working with large datasets
- Performed exploratory data analysis to uncover insights and engineered features to enhance model accuracy
- Built and evaluated models, achieving 90% accuracy in predictive analytics tasks.

**Industrial Training Program**

*May 2024- August 2024*

Intel Unnati 2024

| Remote

- Developed an Automatic Number Plate Recognition (ANPR) system for a college campus as part of Intel Unnati 2024, utilizing computer vision and deep learning.

## PROJECTS

**Walmart Sales Forecasting**

[Source Code](#)

- Analyzed 421,570 walmart sales records using various forecasting models including **SMA, EMA, Holt's Winter, ARIMA, SARIMA**, and **FB Prophet**
- Created an interactive **PowerBI** dashboard to visualize sales patterns and trends, providing deeper insights into Walmart's sales dynamics.

**YouTube Data Scraper & Analysis**

[Source Code](#)

- scraped and analyzed data from YouTube Channel using the **YouTube Data API**. It extracts channel statistics and video details, loads them into a **Pandas** DataFrame, and visualizes the data using **Seaborn**.

**Reddit Sentiment Analysis using AWS Services**

[Source Code](#)

- Designed a real time sentiment analysis pipeline using **python, AWS Services**(AWS Lambda, Kinesis Firehose, S3, Glue, Comprehend, Athena, CloudWatch) and **PowerBI** for visualization.
- Achieved 70% accuracy in sentiment classification of Reddit comments.

## PUBLICATIONS

R. Chopade et al., "Automatic Number Plate Recognition: A Deep Dive into YOLOv8 and ResNet-50 Integration," 2024 International Conference on Integrated Circuits and Communication Systems (ICICACS), Raichur, India, 2024, pp. 1-8, doi: 10.1109/ICICACS60521.2024.10498318.

[Paper Link](#)

## ACHIEVEMENTS

- Secured **1st** place for two consecutive semesters in the Project-Based Learning Competitions organized by **MAYURA AICTE IDEA LAB and KIT's College of Engineering (Autonomous) Kolhapur**
- Earned **30** skill badges in the **Google Cloud Arcade Facilitator Program 2023**

## CERTIFICATIONS

- Data Science, ML, DL, NLP Bootcamp (Udemy) *November 2024*
- AWS Academy Machine Learning Foundation *July 2023*
- Artificial Intelligence and Machine Learning, Technex'23, IIT Varanasi *February 2023*