Divyansh Dahikar

+91-7024950784 | datasphere.divyansh@gmail.com | portfolio | github | LinkedIn

---

Strong foundation in machine learning with hands-on experience in computer vision and natural language processing.
Skilled in building and evaluating data-driven solutions using Python, Scikit-learn, TensorFlow, OpenCV, and NLP techniques.

TECHNICAL SKILLS

Programming Languages: Python

Data Science & ML: Data Analysis, EDA, Data Preprocessing, Feature Engineering, Supervised & Unsupervised ML

Deep Learning: Neural Networks, TensorFlow, Keras

NLP: TextBlob, VADER Sentiment, Regular Expressions, Sentiment Analysis

Computer Vision: OpenCV, Pytesseract, OCR

Visualization & BI: Matplotlib, Seaborn, Plotly, Power BI, Excel

Tools & Platforms: NumPy, Pandas, Scikit-learn, Jupyter Notebook, Git, GitHub

PROJECTS

Credit Card Fraud Detection | Machine Learning | [*Link*]
- Built a fraud detection system on highly imbalanced transaction data using SMOTE and undersampling techniques.
- Trained and evaluated multiple classification models with cross-validation to improve recall and precision.

Customer Churn Prediction | Machine Learning | [*Link*]
- Developed a customer churn prediction model using Random Forest and Logistic Regression.
- Performed EDA and feature engineering including tenure binning and service usage aggregation.
- Improved model performance through hyperparameter tuning and stratified k-fold validation.

Trump vs. Biden Tweet Sentiment Analysis | NLP | [*Link*]
- Collected, cleaned, and processed Twitter data related to the 2020 US Elections.
- Implemented sentiment analysis using VADER and TextBlob to compare public opinion trends.
- Visualized sentiment distributions and keyword patterns using charts and word clouds.

INTERNSHIP

INSPIRE MANIT| (NIT Bhopal)|*, India • Onsite.*

Financial Analysis Intern   07/2023 – 07/2024
- Managed and analyzed daily and monthly expense data using Microsoft Excel and Google Sheet.
- Implemented complex features, fixed production issues functionality.
- Mentored teammates and developed an AI-powered bot, reducing manual effort by 60–70%.

COURSES and CERTIFICATIONS

Python for Data Science and Machine Learning Bootcamp
- Hands-on experience with real-world ML projects, supervised & unsupervised learning, NLP, and deep learning using TensorFlow and Keras.

Machine Learning with Python | WsCube Tech
- Completed an in-depth machine learning course covering data preprocessing, exploratory data analysis, supervised and unsupervised learning algorithms.

EDUCATION
- Barkatullah University| BCA | 2023 – present, *Bhopal, India*.
- Kendriya Vidyalaya | 12th Grade | 2022 – 2023, *Mp, India*.