Vikrant Kothimbire

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Summary Of Qualification

Data Analyst with strong academics and project-based experience in Python, SQL, and Power BI, specializing in predictive modeling (92% accuracy) and data-driven decision-making. Adept at transforming complex datasets into actionable insights for industries like healthcare and finance. Seeking to leverage expertise in machine learning and data visualization to drive business outcomes

EDUCATION

SPPU, Savitribai Phule Pune University 2021-2025
B.E - Artificial Intelligence with Machine Learning (CGPA 8.06) Pune, Maharashtra

TECHNICAL SKILLS

Programming Languages: Python (NumPy, Pandas, Seaborn, Matplotlib, Scikit-Learn), **SQL** (Data Types, Subqueries, Joins, Aggregate Functions, Window Functions, Views, Stored Procedures, Query Optimization, GroupBy,OrderBy Clause)

Data Visualization: PowerBI (Data Modeling, Data Cleaning, Dashboard Creation, DAX), **Tableau** (Data Visualization, Dashboard creation, Interactive Reporting.Table Calculations(LOD))

Advanced Excel: Conditional Formatting, Logical Functions, Data Validation, Data Visualization, What-if Analysis, Macros, VBA.

Machine Learning: EDA, Linear Regression, Logistic Regression, Decision Tree, Random Forests, K-NN, SVM, Naive Bayes, PCA, K-Means, Hierarchical Clustering, Ensemble Learning(XGBoost, AdaBoost).

Version Control: Git, GitHub (collaborative coding, version tracking, project management).

NLP: Text Preprocessing, Sentiment analysis using Python libraries like NLTK.

Deep Learning: ANNs, CNNs, RNNs, LSTMs. (OpenCV, YOLO, Image Augmentation)

PROJECTS

1. Prediction of Fake Profiles on Social Media — Machine Learning (BE Project) 2025
Created a system to analyzed fake profiles using machine learning models like decision trees, SVM, and deep learning. Developed a machine learning model to detect fake social media profiles with 95% accuracy, analyzing 10,000+ user datasets to identify behavioral patterns.

2. IMDb Movie Data Report — PowerBI Dashboard 2024
Designed a Power BI dashboard analyzing 500+ IMDb movies, identifying top-performing genres (e.g., Action: 35% revenue share) and correlating box office success with marketing spend. Implemented interactive visualizations to identify top-performing movies, popular genres, and key factors influencing success. Enabled data-driven decision-making by providing a clear overview of the film industry's dynamics.

3. Edge Detection Using Image Processing —Deep Learning/Computer Vision 2024
Developed an edge detection system using OpenCV, achieving 98% boundary accuracy on 1,000+ test images, enhancing feature extraction for object detection tasks. Preprocessed images with grayscale, blur, and noise reduction. This project depened my understanding of feature extraction for object detection and computer vision tasks.

4. Personal Health Tracker — Machine Learning 2024
Created a ML Model "Personal Health Tracker" Using ML ALGO- SVM, Decision Tree,Random Forest to monitor and predict health metrics like heart rate, calorie intake, sleep patterns, and physical activity. Utilized algorithms for trend analysis and personalized recommendations. Integrated data visualization tools to present actionable insights, enhancing user engagement and promoting healthier lifestyle choices.

CERTIFICATIONS

Python 101 for Data Science - IBM

Machine Learning with Python - IBM

Data Analysis with Python - IBM

PowerBI

Tableau

Data Analytics - Internship Studio