AKSHATI VORA

Technology Proficiency | Analytical skills | Adaptability | Teamwork | Time Management

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Summary

I am a MSc. Big Data Analytics student with strong analytical and communication skills. Experienced in data analysis, machine learning, and data visualization. Proficient in leveraging large datasets to derive actionable insights and support business decision-making. Passionate about using data-driven approaches to solve real-world problems and drive organizational success.

Experiences

Yhonk Tech Pvt. Ltd. (Data Analyst Intern)   Ahmedabad, Gujarat
                                                          March 6, 2024- October, 2024

- Analyzing real-time data generated by the horn-detecting device in the vehicles.
- Data cleaning and transformations for further analysis.
- Preparing dashboards for visualization

MyEquation (Sales and Marketing Intern)   Ahmedabad, Gujarat
                                                       June 15, 2023- August 16, 2023

- Market Research and analysis for lead generation.
- Pitched ideas for expanding the reach of the campaigns and engaging more leads.

Career Vyas, Servon Solutions LLP (Content Developer Intern)   Ahmedabad, Gujarat
                                                                           October 2, 2022- March 15, 2023

- Developed Academic content for the organization's application.
- Performed SEO analysis and used techniques for better reach.

Projects

Analysis of Individual Carbon Footprint Dataset | Python (Pandas, NumPy, Scikit-Learn)
- Conducted comprehensive Exploratory Data Analysis (EDA) to identify trends and insights.
- Evaluated and compared the performance of multiple machine learning algorithms.
- Implemented hyperparameter tuning to enhance model accuracy.

NLP using ML on Amazon Alexa Reviews | Python (Pandas, NumPy, NLTK, Scikit-Learn, Matplotlib)
- Performed EDA and applied text preprocessing (tokenization, stemming, stopword removal, count vectorization) on customer reviews.
- Developed sentiment classification models using Random Forest, XGBoost, and SVM, achieving ~90% accuracy.

Pizza Sales Analysis using MySQL
- Solving the problem statement and queries using MySQL

Website Traffic Dashboard | PowerBI
- Developed interactive Power BI dashboards to track website traffic, user behavior, and conversion metrics, enhancing data-driven decision-making.

Waste Classification using Deep Learning | Python (Pandas, NumPy, Keras)
- Developed a model with the custom dataset to classify waste (cardboard, glass, metal, organic, paper, plastic) using CNN, VGG16, and MobileNet.
- High accuracy through data augmentation and tuning, with results documented to support waste management automation.

OCR Receipts Text Detection | Python (Pandas ,KerasOCR, Pytesseract)
- Developed a memory-efficient OCR model for detecting and extracting text from images.
- Applied preprocessing to improve accuracy and extracted to XML file.

Education

M.Sc. Big Data Analytics (St.Xavier's College(Autonomous), Ahmedabad: 2023- 2025)
BA in Economics (St. Xavier's College(Autonomous), Ahmedabad : 2020- 2023)

Certifications

Data Analytics and Databases on AWS - Databases and SQL for Data Science And Python - IBM Artificial Intelligence Fundamentals - IBM Getting Started with AI - Great Learning Data Science with Python

Skills

- **Programming skills and Framework:** Python, SQL,R, Scikit-Learn, Keras, Spark, Hive,Scala
- **Data Analysis Tools:** Excel,Tableau, PowerBI
- **Other skills:** Deep Learning, Transformers, OCR