Akshay S More

Mumbai, India | +91 8668507423 | akshay.more00741@gmail.com

SUMMARY

Aspiring Data Scientist with around 4 years of hands-on experience in Operations and Management in Distribution and Logistics domain for Beverage's distributorship. A tech enthusiast who had a change of heart during covid and decided to pursue Data Science as an full time career. Has extensive experience with forage's virtual internships and has many projects to showcase skills in MLOps, Data Science and analytical domain.

WORK EXPERIENCE

1) Varad Enterprises (Self Employed)

- ✓ Experienced in Operations and management in family owned Coldrinks distributorship.

2) Forage's Virtual Internship Program

- ✓ Have 7 certificates and 2 badges from Forage's 9 Virtual Internship programs.

ACADEMIC PROJECTS

Bank Customer Churn Prediction

To build a predictive model to find out if a user will churn. Dataset contained 1000 records and 14 features. Used various ML Classifier algorithms such as **Logistic regression, Naïve Bayes Classifier, Decision Tree Classifier, Random Forest Classifier, K-Nearest Neighbors, Support Vector Machine, XG-Boost Classifier** and **hyperparameter tuned** the model. Used **Flask framework for local model deployment and then deployed on AWS using EC2 instance. Dockerised the project using Docker and deployed on streamlit using github actions.**

Road Traffic Severity Classification

To predict the severity of the accident (multi-class classification) This data set is collected from Addis Ababa Sub-city police departments for master's research work. It has 12316 records and 32 features. Various oversampling methods such as **SMOTETOMEK** and **random oversampling** were used. Classification Models such as **Logistic Regression**, **Random Forest**, and **XGBoost** were used.

Patient Survival Detection

The dataset is from a Research study based on The Global Open-Source Severity of Illness Score. The target feature was hospital death which was a binary variable which was classified with the help of other 84 features. Used Shap (Explainable AI).

Site Energy Intensity Prediction

Given the characteristics of the building and the weather data for the location of the building, Energy Usage Intensity (EUI) was predicted using various **regression** techniques. **PCA dimensionality reduction** techniques and **KNN imputation** was used. The dataset contains over 1 lakh records and 64 features.

Virtual Internships at BCG-Gamma, PWC, KPMG, Cognizant, Accenture, British Airways, Tata and Quantium

Worked on a **real-time business problem** from prestigious Companies on the **Forage's Virtual Internship Program**. The Program contained problems from Data Visualization to Machine learning operations. Skills tested on Business understanding & problem framing, Exploratory data analysis & data cleaning, Feature engineering, Modeling and evaluation, and delivering Insights & Recommendations to client.

KEY SKILLS

- ✓ Python (Scikit learn, scipy, Nvidea Rapids, Matplotlib, seaborn, Numpy, Pandas), Time-Series Analysis
- ✓ MySQL Tableau, PowerBI, Statistical Analysis
- ✓ Machine Learning (Supervised, Unsupervised and Reinforcement learning), Shap (Explainable AI)
- ✓ Deep Learning
- ✓ NLP (LangChains)
- ✓ AWS (EC2, Lambda, S3, SageMaker)
- ✓ MLOps (Git, Github, Docker, Kubeflow, MLFlow, CICD (yaml), Streamlit)

EDUCATION

- ✓ Pursuing **PGP IN DATA SCIENCE, BUSINESS ANALYTICS AND BIG DATA** from Aegis School of Data Science, Mumbai
- ✓ **B.Com** From Indira College of Commerce and Science, University of Pune