SANTHEEPPA A

github.com/Santheeppa linkedin.com/in/santheeppa santheeppa1010@gmail.com
Ammoor, Ranipet District, TAMIL NADU 632501 +91 9080062196

SUMMARY

Aspiring Data Scientist proficient in Python, machine learning, and data analysis. Experienced in building predictive models for customer churn and sentiment analysis. Strong problem-solving skills with hands-on experience in feature engineering and model deployment using Streamlit.

CERTIFICATIONS

BCG - Data Science Job Simulation *January 2025*
Forage

Diploma in Data Science *July 2024 - December 2024*
LIVEWIRE (For Live Careers)

Python Course on Multiple Languages *November 2023 - December 2023*
GUVI & IITM Pravartak Technologies Foundation

TECHNICAL SKILLS

Programming Languages:	Python
Data Science & ML:	NumPy, Pandas, Scikit-learn, Streamlit, Machine Learning Algorithms
Data Visualization:	Matplotlib, Seaborn
Tools:	Jupyter Notebook, Visual Studio Code, PyCharm, GitHub
Core Competencies:	Data Analysis, Feature Engineering, Statistical Analysis, Data Preprocessing
Soft Skills:	Problem-Solving, Critical Thinking, Communication, Teamwork, Adaptability

PROJECTS (ALL AVAILABLE ON GITHUB)

FeelFusion: Brand Sentiment Analyzer GitHub Repository Link

- Built a **Streamlit-based sentiment analysis tool** to classify customer reviews as positive or negative.
- Supported **single-review analysis** and **batch processing** from CSV, Excel, or text files.
- Performed **data preprocessing, EDA, and feature engineering** to enhance sentiment classification.
- Trained and evaluated **Random Forest (94.5%), XGBoost (94.1%), and Decision Tree (92.4%)** models.
- Deployed using **Streamlit**, enabling businesses to monitor brand sentiment in real time.

Banking Churn Predictor GitHub Repository LINK

- Developed a **machine learning model** to predict **customer churn** in the banking sector.
- Identified **Total Products, Age, IsActiveMember, Gender, and Geography** as key churn indicators.
- Achieved **90% training accuracy** and **85% testing accuracy**, ensuring strong generalization.
- Optimized for **high F1 Score (0.8), recall, and precision** for balanced churn prediction.
- Provided **customer retention insights** to minimize revenue loss.

EDUCATION

Ranippettai Institute of Technology, Vellore District *June 2018 - July 2021*
Diploma in Computer Engineering (83%)