ABHISHEK SRIRAM

📍 Chennai, India

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PROFESSIONAL SUMMARY

Motivated and collaborative data enthusiast proficient in Python, SQL, and Machine Learning, actively seeking entry-level data science roles. Skilled in transforming data into actionable insights that drive business growth. Adaptable and committed to delivering results in dynamic, fast-paced environments.

EDUCATION

SRM Institute of Science and Technology　　　　　　　　　　　　　　　　**Aug 2023 - Present**
Master of Technology in Data Science　　　　　　　　　　　　　　　　　　　　　*Chennai, India*

SASTRA Deemed University　　　　　　　　　　　　　　　　　　　　　　**Jul 2018 - Jun 2022**
Bachelor of Technology in Electrical and Electronics Engineering　　　　　　　　*Thanjavur, India*

SKILLS

Data Science and ML Tools: Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, PyTorch, Keras, TensorFlow, PySpark
Data Visualization Tools: Matplotlib, Seaborn.
Programming Languages: Python, SQL.
Databases: MySQL, MongoDB.
Big Data Technologies: Hadoop, HDFS, Hive, Sqoop, Flume, Spark
Analytical Skills: Statistical Analysis, Predictive Modeling, Data Mining.
Soft Skills: Strong communication, teamwork, problem-solving, and critical thinking.

WORK EXPERIENCE

Feynn Labs　　　　　　　　　　　　　　　　　　　　　　　　　　　　**Aug 2024 - Present**
Machine Learning Intern　　　　　　　　　　　　　　　　　　　　　　　　　　*Remote*

- Developed an AI-powered application for real estate property valuation, leveraging machine learning models and data analysis techniques to deliver accurate, instant assessments.

- Collaborated with team members to analyze the Indian Electric Vehicle market using market segmentation analysis and provided actionable insights, improving sales by **20%**.

PROJECTS

Personalized Online Course Recommender System ⬈　　　　　　　　　**May 2024 - Jun 2024**

- Developed a personalized recommendation engine leveraging Python and Scikit-learn to enhance user learning experiences.

- Performed comprehensive EDA to identify trends in course popularity and user interaction, utilizing K-Means and DBSCAN clustering for segmenting users and courses.

- Engineered a hybrid system integrating KNN, boosting engagement and course completion by **40%** through tailored recommendations.

SpaceX Falcon9 Landing Prediction ⬈　　　　　　　　　　　　　　　　**Mar 2024 - Apr 2024**

- Built a predictive model to estimate Falcon9 landing success rates, utilizing Python, Scikit-learn, and data from APIs and web scraping.

- Conducted EDA to extract meaningful insights from raw data, identifying critical factors like payload mass and orbit classification.

- Implemented multiple models (Logistic Regression, SVM, Decision Trees, KNN), with Decision Tree achieving **91.11%** accuracy, offering strategic insights for launch optimization.