

Harikrishna Nariyanpilly

 harikrsna23 |  harikrishnanariyanpilly |  harikrsna23@gmail.com |  +91 9325805375

SUMMARY

Driven **Data Science Intern** with robust knowledge in **machine learning** and **Data Analytics**, substantiated by successful projects in **Market Segmentation**, **Rule-based Chatbots**, and **Time Series Forecasting**. Keen to leverage **statistical methods** and **machine learning techniques** to address real-world challenges within **Swiggy's food delivery ecosystem**. A team-oriented collaborator with exceptional communication skills, poised to make meaningful contributions to impactful projects while continuously advancing expertise in data analysis. Enthusiastic about opportunities for professional development and growth.

TRAININGS

Advance Certification in Data Analytics For Business: Intellipaath May 2023 - Feb 2024

Gained comprehensive skills in business analytics, statistics, predictive modeling, and data architecture.

Machine Learning: Internshala Trainings Sep 2023 - Present

Provides skills for data-driven decision-making, task automation, and manufacturing process enhancement.

WORK EXPERIENCE

Machine Learning Intern at Feyn Labs January 2024 - March 2024

- Conducted in-depth analysis of **charging station data across India** on **60k EV Data**, revealing insights into **market dynamics and consumer preferences**.
- Leveraged Python, Pandas, NumPy, Folium, Seaborn, and Matplotlib to conduct comprehensive data analysis and visualization, culminating in actionable insights for **market penetration strategies for startups**.
- Collaborated with a **team of 5** to develop a prediction system for **breast health management** utilizing machine learning techniques. Led the development of a rule-based **chatbot** integrated into the system, aimed at providing users with personalized and reliable assessments.
- Brainstormed concept of '**Intelligent Logistics Optimization Platform**' prototype for **E-commerce and courier firms**.

PROJECTS

Walmart Sales Prediction With Time Series [Link to Github](#)

- Conducted Time Series Analysis on retail sales using **SARIMAX models**.
- Employed **ADF** and **statistical tests for stationarity** assessment and sales trend forecasting.
- Utilized EDA techniques to uncover **patterns and correlations**.

Strategic Market Entry Analysis for EV [Link to Github](#)

- Analyzed **2k EV** charging station data to drive strategic **market entry decisions** for an Electric Vehicle Startups.
- Identified high-potential market segments and geographic areas for targeted penetration like **2-wheelers and 3-wheelers** dominate the market, with over **76%** of charging stations catering to them.
- Contributed insights to enhance **market positioning strategies** for the Electric Vehicle Startup.

SKILLS

Programming Languages:	SQL, Python
Data Analysis Libraries:	Pandas, NumPy, SciPy, Matplotlib, Seaborn, Scikit-Learn, Tensor-Flow
Algorithms:	Linear regression, Logistic regression, Decision Tree, Random Forest, KNN, K-Mean, ARIMA, SARIMA
Business Intelligence Tools:	Power BI, Excel
Project Management Tools:	Jira, Notion