




SANKET GAIKWAD

Data Analyst with expertise in Advanced Analytics and Predictive Modeling. My forte lies in Consumer Analytics and the BFSI sector, and I have a keen interest in working with Financial Markets Data and analyzing F1 Car telemetry to generate insights

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SKILLS

- **Programming Languages:** Python, SQL, Git
- **ML:** Supervised Learning, Unsupervised Learning, Statistical Analysis, Hypothesis Testing
- **Data Analysis:** Data Cleaning, Data Visualization, Exploratory Data Analysis (EDA), Excel, PowerBI
- **ML Tools:** Numpy, Pandas, Matplotlib, Seaborn, Scikit Learn, Tensorflow, Keras
- **Others:** Spark, Web Scraping

WORK EXPERIENCE

• Quality Intern

Mahabal Metals Pvt. Ltd | Feb 2022 - Jun 2022

- Performed **Operational Loss Analysis** on Toyota Flywheel Production Line, tracking daily production metrics across 5 production lines, including the Flywheel and ancillary components. Constructed **Pareto Charts** and **Cause & Effect Diagrams**; executed an **MSA** on the Plunger Dial with detailed **Statistical Analysis**. Collaborated with Quality, Line, and Machine Development teams to address various rejection types and drive process improvement.
- Learnt numerous Quality Control Tools, Examined Total Production Line Process, and was successful in reducing rejection by over **35%**

PROJECTS

- **Customer Segmentation** *(RFM Analysis, Logistic Regression, KMeans Clustering, GridSearchCV)*
 - Executed **Customer Segmentation** for e-commerce data using **RFM Analysis** methodology and conducted **EDA, Data Preprocessing**, Recency, Frequency, and Monetary Value scores.
 - Improved a **Logistic Regression-based model** and achieved a Best Score of **86.1%**
- **Analyzing Saudi Arabian Grand Prix 2025** *(FastF1 API, Numpy, Pandas, Matplotlib, Seaborn)*
 - As a Formula 1 Racing enthusiast, I used my skills to analyze the Qualifying Performance of drivers, as an F1 car contains 300 sensors that generate **1.1 million telemetry data points/second**
 - Analyzed **within Team Performance** for Team Ferrari, **Qualifying Lap Performance** Car 1 and Car 81 at 1st and 2nd position, Compared **ERS Deployment** for Ferrari and Mercedes Engines, and **Car Setup Analysis**, analyzing how the cars are set up for the race
 - Prepared a Detailed **Report** providing insights on the approach of the teams and drivers
- **Online Retail Data Analysis** *(Market Basket Analysis, SQL, Excel, Numpy, Pandas, Matplotlib)*
 - Analyzed around **500k instances** of data around customer purchases per day of a store with a research question around **Order Cancellations**. Studied the demographic data, order history for every customer.
 - Performed **Data Cleaning** and **Data Pre-processing**, worked on SQL for finding some KPIs, performed **Market Basket Analysis** and found **Support, Confidence, Lift** among the products sold
 - Worked on **Profitability KPIs** such as Total Revenue per Customer, Average Order Value, Top Selling Product, Sales by Country, and **Risk KPIs** such as Product Return Rate, High %Risk Product Per Country, Average Order Returns per Country

EDUCATION

• B. Tech Mechanical Engineering

Vishwakarma Institute of Technology | 2018 - 2022

- CGPA : 8.21

ADDITIONAL INFORMATION

- Completed Certification: Complete Machine Learning and Data Science Program
- Secured GATE Score of 353 in 2024 and 456 in 2025
- Fluent in English, Hindi, and Marathi