

Srusti Gajjar

gajjarsrusti@gmail.com | (682) 340-8094 | linkedin.com/in/srusti-gajjar | srustigajjar.github.io

PROFESSIONAL SUMMARY

Result Oriented Data Science professional with 4+ years of experience, exceptional data-driven insights, delivering impactful solutions for business growth in industries such as Supply Chain, Transportation, and Manufacturing.

WORK EXPERIENCE

Kenco Group, Data Science Intern

May 2022 - Aug 2022

- Generated \$173 K in gain share payments through strategic data-driven insights for a FMCG and an Industrial customer.
- Boosted profitability by 2% by creating a sensitivity analysis KPI dashboard, uncovering cost-saving opportunities.
- Improved Service Level by 5% by creating a carrier scorecard for selecting reliable and cost-effective carriers.
- Enhanced specificity of the On Time Prediction model by 3% by identifying and removing inaccurate class labels.
- Reduced data gap by 13% by creating Python based ETL pipeline for external TMS data: API fetch, parsing, cleaning, and storing in Data Warehouse & back up in S3.

Etech Global Services, Sr. Data Analyst

Feb 2021 – Jun 2021

- Improved customer service by 7% by creating a gamification dashboard for the call center operations team.
- Reduced execution time by 15% by optimizing legacy ETL code by using Indexing, CTE's, and nested queries.
- Saved \$15K by leveraging SQL to integrate large datasets and extract valuable insights on monthly business performance.
- Saved 10 hours/week by leveraging Python & Excel Macros to automate daily report generation.

Tech Mahindra, Data Analyst

Dec 2019 - Nov 2020

- Improved customer retention by 13% by analysis of historical complaints, marketing surveys, and strategic interventions
- Boosted On Time delivery by 7% by creating a project status dashboard to monitor operations output & ETA monitoring.
- Reduced customer on-call duration by 17% through in-depth analysis of customer inquiries & creating a Q&A resource.
- Reduced Staffing Issues by creating a Linear Regression based Labor Predictor with 73% accuracy & created a dashboard that enables what-if scenarios.

Vedant Engineering, Business Analyst

July 2016 - Oct 2019

- Boosted on-time delivery by 21% through the creation of analytical reports addressing production and material challenges.
- Reduced inventory cost by 9% by creating an ETL pipeline for inventory status from various data sources using Python.
- Implemented a vendor scorecard to monitor vendor performance and foster beneficial vendor relationships effectively.

CAPSTONE PROJECT

Neuro Insight, Data Science Intern

Jan 2023 – May 2023

- Developed an automated feature extraction pipeline for object detection, scene recognition, and audio analysis from videos.
- Built a model that can identify branding moments in videos by incorporating the extracted features and text analysis results.

EDUCATION

Master of Science, Business Analytic

Graduated: May 2023

The University of Texas at Arlington. Coursework includes Data Science, Principles of Data mining, Data Warehouse, and Business Intelligence, Business & Economic Forecasting, Advanced Methods for Analytics, and Web and social Analytics.

Bachelor of Engineering, Electrical Engineering

Graduated: May 2016

Gujarat Technological University. Coursework included Calculus, Vector Calculus, Linear Algebra, Advanced Engineering Mathematics, Computer Programming and Utilization, C++, C, etc.

SKILLS

Programming Languages: Proficient in Python, C, C++, SAS, R, SQL, MySQL, and PostgreSQL.

Machine Learning: Regression Techniques, KNN, Naive Bayes, SVM, PCA, Boosting, Clustering, Decision Trees, and Neural Networks

BI/Data Visualization Tools: Proficient with Qlik Sense, Power BI, Tableau, Looker, and MS Excel.

Cloud Platforms: Experienced with AWS, Azure, Google, Git.

Data Science & Analytics: Expert in Data Warehousing, Data Mining, ETL Processing, & Data Pipelines. Familiar with tools like PyCharm, Ad-hoc, AWS Athena, S3, Redshift, PySpark, Big Data, JIRA, Confluence, Oracle, Snowflake, Digital Marketing Analytics, Agile, SDLC, and CRISP-DM methodologies. Skillful in A/B Testing, and Hypothesis Testing.

Soft Skills: Strong analytical thinking, communication, leadership, continuous learning, adaptability