

Srusti Gajjar

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EDUCATION

Master of Science, Business Analytics

Expected Graduation: May 2023

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, Web & Social Analytics, Evidence-Based Management and Python

Bachelor of Engineering, Electrical Engineering

May 2016

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

EXPERIENCE

Kenco Group

Transportation Management Intern – Data Science

Chattanooga, Tennessee

May 2022 – August 2022

- Generated \$90K in gainshare payments by recommending data driven insights for one of the major FMCG customer
- Generated \$83K in gainshare payments by recommending data driven insights for one of the major Industrial Customer
- Created Qlik Sense dashboard to get visibility of current shipments in transit
- Created Qlik based carrier scorecard to identify carrier to be used to ensure high reliability and cost effectiveness for each customer account
- Assisted the Kenco's Data Science team in cleaning the data, identifying discrepancies in data, and performed initial exploratory data analysis
- Assisted the Kenco's Data Science team creating a recommendation model for the transportation department

Etech Global Services

Business Development Engineer

Gandhinagar, India

Feb 2021 – June 2021

- Reduced 2 work hours per day and improved efficiency by Automating various data reports in excel
- Saved \$15,000 by extracting insights of their monthly business performance by integrating huge datasets
- Improved visibility by creating reports and dashboards to monitor KPIs within a company

Tech Mahindra

Customer Experience Specialist

Gandhinagar, India

Dec 2019 – Nov 2020

- Improved customer retention rate by 13% by reducing customer complaints by analyzing various historical complaints, marketing survey data and creating strategies to help business
- Reduced customer on-call time by 17% by analyzing various questions customers ask and created extensive Q/A

Vedant Engineering

Business Development Engineer

Ahmedabad, India

July 2018 – Oct 2019

- Improved on-time delivery by 25% by creating analytical reports on production and material issues
- Developed excel dashboards to monitor the performance of production plants, analyzed product defects, and provided recommendations to increase overall efficiency per plant

PROJECTS

Stroke Prediction

- Achieved 95% accuracy using random forest supervised machine learning algorithms after cleaning data, populating missing values, performing exploratory data analysis techniques, feature engineering, feature scaling, cross validation, model selection and model evaluation

Zomato Rating Prediction

- Achieved 98% accuracy using XGBoost of supervised machine learning algorithms after cleaning data, populating missing values, performing exploratory data analysis techniques, feature engineering, feature scaling, cross validation, model selection and model evaluation

Bitcoin Price Prediction

- Created a multiple regression model with 80% accuracy by using applied regression techniques like Lasso and Weighted Least Square

Airbnb Project

- Developed a Tableau dashboard, providing insights that allowed investors to invest according to the number of bedrooms, zip code, and prices

TECHNICAL SKILLS

- **Programming Languages and Software:** Python (Pandas, NumPy, Scikit-learn), C, C++, SAS, R, SQL, SAP
- **Machine Learning:** KNN, Naive Bayes, SVM, PCA, Regression Techniques like Linear Regression, OLS Regression, Logistics Regression, Ridge and Lasso Regression, Clustering, Decision Tree, Random Forest, Gradient Boosting, XGBoost
- **Time Series Forecasting:** Auto-Regression, Moving Average, Exponential Smoothing, ARIMA, SARIMA
- **Deep Learning:** Artificial Neural Networks, Convolutional Neural Network, and RNN.
- **Data Visualization:** Tableau, Power BI, Qlik Sense, Excel
- **Big Data:** Hadoop, Hive, Spark
- **Databases:** MySQL, MongoDB, Oracle
- **Other Skills:** Big Data Management and Analysis, Hypothesis Testing, Data Structures and Algorithms, A/B Testing, Time series analysis