

Skills

- **Languages** : SQL, Google Big Query, MySQL, Python
- **Frameworks** : Numpy, Pandas
- **Data Analysis & Visualization** : Tableau, Matplotlib, Seaborn, Advance Excel, Probability and Statistics

Projects

Business Case Study - Data Analysis for a Top Americas Retailer

🔗 https://github.com/KruthikaVN-Github/Business_Case-Target-SQL

- Analyzed over 10,000 records from 8 distinct tables for Top Americas Retailer using advanced SQL techniques, improving data accuracy and decision-making.
- Delivered actionable insights for a major retail giant, optimizing payment strategies to increase revenue through identified beneficial payment modes.

Tech Stack: Google Big Query

Case Study : Netflix Data Exploration and Visualization

🔗 https://github.com/KruthikaVN-Github/Netflix_Project

- Cleaned and unnested Netflix content with Python libraries, handling 12 features and 9k records, improving data quality for analysis.
- Visualized insightful graphs using Matplotlib and Seaborn, aiding in business decisions based on content types and ratings.
- Extracted business insights on top genres, directors, and ratings across countries, influencing strategic content decisions.

Tech Stack: Python, Pandas, Matplotlib, Seaborn, Google Colab

Case Study : Bank Customer Churn Analysis

🔗 <https://github.com/KruthikaVN-Github/Bank-Customer-Churn-Analysis>

- Uncovered critical churn factors through statistical analysis, leading to targeted improvements and increased customer satisfaction.
- Generated actionable insights, reducing churn rates by 10% through personalized customer engagement strategies.

Tech Stack: Python, Pandas, Matplotlib, Seaborn, Google Colab

Data Analysis and Dashboarding using Tableau

🔗 https://public.tableau.com/app/profile/kruthika.mohan/viz/SuperStoreInteractiveDashboard_17105270651760/Dashboard1

- Published a comprehensive Tableau dashboard on Tableau Public, showcasing actionable insights that facilitated data-driven decision-making for enhancing sales strategies and optimizing inventory management.

Experience

Fulfillment Officer

Oct 2018 - Feb 2021

Ujjivan Small Finance Bank

- Accurately and efficiently generated debit cards and checkbooks, ensuring timely delivery and customer satisfaction.
- Boosted data collection speed by 20% and overall productivity by training new staff in census data collection.

Graduate Trainee

Feb 2016 - Feb 2017

Bharat Heavy Electricals Limited

- Maintained organized records for completed work for easy retrieval, ensuring efficient information access.
- Refined task workflows with the team, boosting productivity by 15%.

Procurement Manager

Jun 2015 - Feb 2016

Aargee Equipments Pvt Ltd

- Oversaw and optimized procurement budget, controlling costs and maximizing resources, leading to a 15% reduction in procurement expenses.
- Secured cost-effective contracts with suppliers through strategic negotiations, resulting in a 10% decrease in overall procurement costs and 20% reduction in delivery times.

Education

Scaler

2024

Specialized in Data Science & Machine Learning

University College of Engineering, Panruti

2015

BE in Electronics and Communication | 7.66 CGPA