Rahul Tanikanti

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Profile Summary

Aspiring Data Analyst/Data Scientist, proficient in SQL, Python, Tableau, and Machine Learning with a proven ability of performing data analysis, predictive modeling, and providing insights via visual dashboards.

Skills

Technical Skills

SQL • Python • Numpy • Pandas • Seaborn • Matplotlib • Scikit-learn • Statistical Analysis • Machine Learning • Excel

Tools & Platforms

Tableau • Jupyter Notebook • Asana • Jira

Projects

Customer Churn Prediction | *Python, Pandas, SciPy, Scikit-learn* | [Gitrepo]
- Built a **churn model** on **10K+ bank customers** using **Logistic Regression, Decision Tree**, and **Random Forest**, achieving **84.2% accuracy** and **80.7% recall**. Used **EDA and feature engineering** to find inactive users churned 2.3x more and low-balance users 1.8x more likely to churn.

Airbnb NYC Listing 2024 | *Python, Pandas, Seaborn* | [Gitrepo]
- Led **feature engineering and EDA** on Airbnb listings, creating **11+ variables** to uncover **pricing and demand patterns**. Found **entire home/apt listings** had **18–25% higher ratings**, while **300+ day availability** saw **35–50% fewer reviews**. Delivered **8+ visuals** to guide pricing.

British Airways Analysis | *Tableau* | [Live Dashboard] [Gitrepo]
- Designed a **Tableau dashboard** analyzing **14,990+ reviews** over **7.5 years** across **4 cabin classes** and **10+ service categories**. Found **15–25%** lower staff and food ratings on long-haul routes. Used **geospatial visuals** to expose **regional sentiment gaps**.

Sales and Delivery | *SQL* | [Gitrepo]
- Led SQL analysis using count, avg, group by, and sum over to improve segmentation. Identified **top 3 customers driving 12%** of orders and flagged a **20-day delivery delay**. Used **window functions** to uncover **25% sales growth** and **15% profit boost** on top products.

Restaurant Analysis | *SQL* | [Gitrepo]
- Analyzed **500+ visits** using count, avg, where, and group by to evaluate ratings and pricing. Used **joins** and **window functions** to explore **10+ cuisines** across **30 states**. Studied 200+ budget-conscious customers to uncover **behavioral and satisfaction patterns**.

Education

Great Lakes Institute of Management

PGP (Data Science and Engineering) **|** (June 2023 - March 2024)

Madras School of Social Work MSSW

Bachelor of Science (Psychology) **|** (July 2019 - April 2022)

Certifications

- HackerRank (SQL Intermediate) - View Credentials
- IBM Data Analysis with Python, Coursera - View Credentials
- Google Project Management: Professional Certificate, Coursera - View Credentials