Pranitha Poosa

✉ p.pranitha1999@gmail.com | 📱 +1 (857) 707-5785
🔗 github.com/PranithaPoosa | 🖥 Portfolio | 💼 www.linkedin.com/in/pranitha30

Education

Northeastern University   Expected graduation date: May 2024
M.S. in Information Systems   *GPA: 3.79/4.00*

Relevant Courses: Data Management and Database Design, Data Science Engineering Methods and Tools,
                  Algorithmic Digital Marketing, Generative AI with LLMs in Data Engineering

VNR Vignana Jyothi Institute of Technology   2016-2020
B.Tech. in E.C.E.   *GPA: 3.7/4.0*

Relevant Courses: Multivariate Calculus, Linear Differential Equations, Statistics, Probability, Relational DBMS

Experience

Cognizant Technology Solutions   Jul. 2020 - Jul. 2022
Analyst   *Python, SQL, Google BigQuery, PEGA, Tableau*

- Designed a workflow based solution for a client's network infrastructure project and simplified the communication across the base regions
- Leveraged PEGA as the primary integration tool for data analysis and UI development
- Effectively utilized BigQuery as storage to extract and store data from the client's Workfront system
- Integrated Tableau dashboards, connecting to the Google BigQuery, into the workflow based on generated data providing valuable insights into the day-to-day operations
- Demonstrated exceptional test case management skills and maintained a 94% compliance score.

Projects

NYPD Arrest Data(Historic) Insights   Tableau, BigQuery, Python

- Utilized technical solutions such as BigQuery to query on top of the relational database and performed data pre-processing and cleaning using Python programming language for NYC Arrest data.
- Created interactive tableau dashboards to analyze and recognize patterns and trends in New York City police enforcement activity. Published it on Tableau Public

F1 Race Data Analysis   SQL, PowerBI (DAX), Power Query

- Implemented data transformations on F1 race data using Power Query Editor.
- Leveraged data modeling techniques and designed a Snowflake schema, structuring races data into organized dimension tables such as drivers, teams, circuits, and races,and a facts table to hold the quantitative fields.
- Developed dynamic PowerBI reports and dashboards utilizing DAX (Data Analysis Expressions) for advanced calculations, and visualizations to gain actionable insights into different races.

Data Transformations Pipeline for Retail Data   DBT, Snowflake, SQL, Snowsight

- Built a data transformation and analytics pipeline for TPC-H benchmark dataset by fetching data from Snowflake.
- Effectively used DBT to stage the data and created models to apply transformations as well as create fact tables.
- Visualised the data to show the sales through each quarter using Snowsight Dashboards.

Rental Property Management System   Stored Procedures, Triggers, Functions, Data Normalization, Tableau

- Established relationships between different entities, implemented physical database model using Normalization/Denormalization techniques with more than 20 entities
- Drafted robust database and generated reports using SQL statements, stored procedures, functions and triggers to answer important business questions
- Designed insightful dashboards using tableau for analyzing customer preferences, rents and apartments availability

Skills

Specializations: Data Warehousing, Statistical Modeling, Data Modeling, ETL/ELT, Business Intelligence
Programming languages: SQL, Python (Numpy, Pandas), HTML, CSS, Bash
Visualization: Tableau, Power BI, Advanced Excel
MS Excel: Macros, VBA, Pivot tables, VLookup
Tools: Snowflake, DBT, SAP, Linux, Microsoft Office Suite, Google Suite, SQLServer, MySQL

Certifications

TDS-C01 Tableau Desktop Specialist