

# Pranitha Poosa

✉ [p.pranitha1999@gmail.com](mailto:p.pranitha1999@gmail.com) | 📞 +1 (857) 707-5785  
🌐 [github.com/PranithaPoosa](https://github.com/PranithaPoosa) | 📁 [Portfolio](#) | 🔗 [www.linkedin.com/in/pranitha30](https://www.linkedin.com/in/pranitha30)

## Education

### Northeastern University

M.S. in Information Systems

Expected graduation date: May 2024

**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

B.Tech. in E.C.E.

2016-2020

**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, Data Modeling, ETL/ELT, Data Visualization, Business Intelligence

**Programming languages:** SQL, Javascript, Python (Numpy, Pandas), HTML, CSS, Bash

**Visualization:** Tableau, Power BI, Advanced Excel, Google Analytics, Looker

**MS Excel:** Macros, VBA, Pivot tables, VLookup

**Tools:** Snowflake, DBT, Linux, Microsoft Office Suite - Powerpoint, Word, SQLServer, MySQL, MongoDB

## Certifications

TDS-C01 Tableau Desktop Specialist