

Pranitha Poosa

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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

Data Analyst

Python, SQL, Google BigQuery, Tableau

- Designed and executed a workflow solution aimed at enhancing communication efficiency across base regions within a client's network infrastructure project.
- Utilized Python for conducting robust data analysis and Google BigQuery as storage to extract and store data from 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, Statistics (A/B Testing), Data Modeling, ETL/ELT, Business Intelligence

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

Analysis Tools: Tableau, Power BI, Looker

MS Excel: Macros, VBA, Pivot tables, VLookup

Tools: Snowflake, AWS Redshift, Databricks, DBT, Linux, Microsoft Office Suite, Google Suite, MySQL

Certifications

TDS-C01 Tableau Desktop Specialist