

Gina D'Souza

 github.com/GinaDsouza  linkedin.com/in/GinaDsouza

SUMMARY

Enthusiastic entry-level data analyst with a background in physics, chemistry, and mathematics. Proficient in data cleaning, analysis, and presentation by using a systematic and adaptable approach. Excited to apply broad scientific expertise to uncover insights and solutions. Aspiring data scientist committed to ongoing learning and professional growth.

EDUCATION

St. Aloysius College (Autonomous)	2018
<i>Bachelor of Science in Physics, Chemistry & Mathematics</i>	<i>CGPA: 8.19</i>
Manipal Institute of Technology	2021
<i>Master of Science in Physics</i>	<i>CGPA: 8.79</i>

SKILLS

Languages: SQL, R
Tools: Excel, Kaggle, Tableau, Microsoft SQL Server Management Studio, Google BigQuery Sandbox, PowerBI, GitHub

PROJECTS

Data exploration of Covid deaths and vaccinations | SQL

- Extracted key data, calculated infection and death percentages, studied population-vaccination trends
- Employed join operations to combine and analyze data from CovidDeaths and CovidVaccinations tables.
- Utilized CTEs and temp tables to determine countries with the highest proportion of vaccinated population relative to their total population.
- Created a view to retain data for future visualization purposes.

Data cleaning of Nashville housing data | SQL

- Employed JOINS to populate NULL values in the PropertyAddress column, enhancing overall data accuracy.
- Improved data structure by separating address, city, and state from PropertyAddress and OwnerAddress columns.
- Transformed 'Y' and 'N' to 'Yes' and 'No' respectively in SoldAsVacant column for clarity.

Using SQL to clean and transform world happiness data | SQL

- Identified the top and bottom 10 countries, including India
- Utilized CTEs to effectively eliminate non-Indian and non-top/bottom group countries' data.
- Employed 'CASE WHEN' logic to create a new column indicating if a country is India or within the top/bottom 10 group.
- Utilized 'UNION ALL' to combine tables, creating a structured dataset suitable for visualizations.

CERTIFICATION & EXPERIENCE

Google Data Analytics Certificate Course 2022
 7/8 certificates earned

Trivium Education Services (P) Limited | SQL&A expert for Chegg April 2023 – Present

- Consistently achieved CF score above 80%
- Earned multiple 5-star ratings as a top contributor for Chegg

Private Tutor | Tutor 2020 – 2023
 Elevated student performance to distinction level through effective private tutoring for 6th to 12th-grade students.

MCNS SRI Program | Intern June – July 2021
 Engaged in a productive online summer internship at MCNS, specializing in computational reactor physics, where I effectively delivered presentations and conducted a poster presentation.