**SQL Project On Exploring Data:**

Link to Dataset: [https://ourworldindata.org/covid-deaths](https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqbkpFSVE2d1czMDk4VzE1bjY4eDB3Rno2Z2tRQXxBQ3Jtc0tsbnoyQnVrZ0tWVXlWd1EtVWxZUHZlQmtvSUZ6ZVViYzlhR1g4cnFmWmVSR1RnUDZIeDJvUnNfNVNTSnJ1T0ZwdkFVQ1ZwRlpudHQ0U2lfMkY3Y1IxYUc3akVhM3NudF9YdmdBU01kTVVlajdCZXhvSQ&q=https%3A%2F%2Fourworldindata.org%2Fcovid-deaths&v=qfyynHBFOsM)

Things I did:

1. Imported my 2 data sets in Microsoft SQL Server Management Studio
2. Queried to make sure they are right
3. Exploring the death data case
   1. Checked whats the likelihood of dying if you get covid in each country
   2. Checked the percentage of population who has got covid in each country
   3. Which country had the most cases relative to its population
   4. Which country had the highest death count (total deaths to the date)
   5. Which continent had the highest death count?
   6. What are the global numbers? Total cases and total death in the world?
4. Exploring the vaccination dataset
   1. Joining two tables first
   2. Select the total population vs vaccination to date
   3. Using CTE and TEMP Table to find out the total people vaccinated and percentage of total people vaccinated relative to the population of each country
   4. Creating view to store data for later visualization

**SQL Project On Data Cleaning and Preprocessing:**

Link to Dataset: https://github.com/AlexTheAnalyst/PortfolioProjects/blob/main/Nashville%20Housing%20Data%20for%20Data%20Cleaning.xlsx

Things I did:

1. Analyzing the data set abit to understand it
2. Standardizing date formats
3. Splitting addresses into different columns of city, state, address for better usability later
4. Harmonizing the Y/N’s in all rows for a column called “SoldAsVacant”
5. Removing duplicates by using CTE
6. Deleting unused columns