

Justin Saenz

Data Analyst

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EDUCATION

BBA in Cyber Security, GPA 3.65/4

[The University of Texas at San Antonio](#)

2022 San Antonio, TX

EXPERIENCE / PERSONAL PROJECTS

SQL: Data Exploration

Explored present day COVID-19 Data from WHO

- Inputted mathematical functions to extract ratios in data, such as death rates and COVID-19 percentages
- Analyzed statistical data extracted from summing global COVID-19 infection rates and leveraging the MAX function to find the highest death counts
- Utilized the JOIN function to analyze the relationship between population and vaccination statistics to investigate further

Tableau: Covid Dashboard

Designed intuitive and interactive Dashboard that displays the impact of Covid-19 around the world

- Successfully extracted and imported Covid data from a secondary source to Tableau and created a Covid dashboard
- Visually structured the global numbers, percent population infected per country, and total deaths per continent in a single dashboard

SQL: Data Cleaning

Cleaned data for Nashville housing

- Deleted unused columns and duplicates using PARTITION BY and DROP statements
- Utilized CASE functions with WHEN/ELSE statements to represent boolean expressions
- Manipulated the SUBSTRING function to represent the output in a subsequent manner

Python: Correlation

Researched the correlation of factors that increased gross revenue

- Organized the data by altering data types and dropping duplicates
- Utilized scatter plot and heatmaps to detect a plausible correlation between the budget and gross revenue

Tableau: Airbnb Dashboard

Created an Airbnb dashboard using housing data from Seattle, WA

- Successfully extracted and imported Airbnb data from a secondary source to Tableau and created an Airbnb dashboard
- Visually structured the yearly fluctuating prices, room availabilities in different regions, and the highest region rating in a single dashboard

SKILLS

SQL Python Tableau
Microsoft Power BI Microsoft Excel
Data Cleaning Data Visualization

ABILITIES

Problem Solver Creative
Planner Self-Disciplined
Adaptable Collaborative Optimistic