sETL Project

Final Report

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Project Objectives

The aim of this explore, transform and load (ETL) project is to provide a database for data analysts to use analyze various relationship of gun violence and other socio economic factors.

Extract

For the given ETL project, our original three sets of data. The first dataset was on gun violence from 2013 - 2018. This data was taken from Kaggle at the following link. [Comprehensive record of over 260k US gun violence incidents from 2013-2018](Comprehensive%20record%20of%20over%20260k%20US%20gun%20violence%20incidents%20from%202013-2018). This data had over 260,000 rows and 29 columns. The data included information such as, gun type, participant age, state, and description of incident, etc.

The second data set was on 2016 and 2017 Poverty by Race/Ethnicity by the Kaiser Family Foundation at following link. ([Poverty by Race/Ethnicity KFF](https://www.kff.org/other/state-indicator/poverty-rate-by-raceethnicity/?currentTimeframe=0&sortModel=%7B%22colId%22:%22Location%22,%22sort%22:%22asc%22%7D). The data was taken from US Census data.

The third data set was from population data for United States by State. This data was taken from following link. ([US Population](https://worldpopulationreview.com/countries/united-states-population) )

Transform

Load