- Change county type from char(2) to varchar(50) to accept names of counties for matching (originally we used county code to identify each county, but for some tables, they don't have county code)
- Cleaned data in cities and counties for them to match the lat, long with the county name
- Merged tables of california lat, long and california population in the california cities dataset (since lat/long and population of a city originally come from 2 datasets, but our schema decide that we need one table for city's information)
- Changed the order of lat, long in cities to match the order in the schema
- Increased the char length allowed for wildfire name to 100 to adapt to some longer wildfire names
- Delete 2 rows in the wildfire dataset where the acresburned is null (we decide to see how severe the wildfire is based on how many acres it has affected, so attribute acresAffected cannot be null)
- Remove the rows where numBedrooms is null
- Separate crime into 2 tables: CrimeInCounty and CrimeRates (the counts for each crime category and the law enforcements are 2 different topics, so we don't want to crowd all these data into one table)
    - One for the different categories of crimes and the total of them
    - One for California's law enforcements

- Our old schema and data for housing is not sufficient for what we need it for: it only contains latitude and longitude of where the real estate: it would be difficult to convert it into city and county
    - New relation using:
        - https://www.nar.realtor/research-and-statistics/housing-statistics/county-median-home-prices-and-monthly-mortgage-payment
        - This includes all states in USA so we would need to clean up the data
- Added a countyLandArea table:
    - Used for calculating population density = population / area
        - It's better to use population density for the comparison than just population since since counties are geographically smaller
            - Ie. it wouldn't make sense to compare PEI's population to Yukon's population because geographically, it's harder to "fit in" more properties
- Replaced countiesandcities with CaliforniaCities because the former had a lot of redundant information
    - Using CaliforniaCities would be more helpful