ETL Project Report: US Unemployment Rate for 2015

The original data is from two Kaggle dataset:
https://www.kaggle.com/jayrav13/unemployment-by-county-us#output.csv
https://www.kaggle.com/muonneutrino/us-census-demographic-data

The data represent the local Area (county-level) unemployment rate for 2015

Project Description:

Transforming the data using Python and Pandas per the following steps:

Extract:

- The Unemployment rate for each state and county is from CSV file
- The total, men and women population from CSV file
- The annual unemployment rate for each state and county is from json file. To extract the annual data rate from json I have used nested "For Loop."

Transform:

- Clean and structure the data for 2015 for each state and county

Load:

- Load the data into relational DB(Postgresql)
  - Advantages:
    - Organized
    - simplicity
    - Easy to mange
    - Generic language
    - Authorization and privilege control

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