Rutgers Data Science Bootcamp
Extract Transform Load (ETL) Project Summary
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Data World (DW)
Data Source URL: https://data.world/kevinnayar/us-national-parks
- Downloaded CSV data file
- Imported data file into a Jupyter Notebook
- Cleaned and manipulated data
- Output data as a new CSV data file
- Imported new data file into a PostgreSQL database using pgAdmin

Integrated Resource Management Applications (IRMA)
Data Source URL:
https://irma.nps.gov/STATS/SSRSReports/National%20Reports/Annual%20Visitation%20By%20Park%20 (1979%20-%20Last%20Calendar%20Year)
- Downloaded multiple CSV data files
- Imported data files into a Jupyter Notebook
- Cleaned and manipulated data
- Output data as a new CSV data file
- Imported new data file into a PostgreSQL database using pgAdmin

National Park Service (NPS)
Data Source URL: https://public-nps.opendata.arcgis.com/
- Downloaded multiple CSV data files
- Imported data files into a Jupyter Notebook
- Cleaned and manipulated data
- Output data as a new CSV data file
- Imported new data file into a PostgreSQL database using pgAdmin

Open Weather Map (OWM) API
Data Source URL: https://openweathermap.org/api
- Queried the Open Weather Map API for weather data in a Jupyter Notebook
- Organized data into a Pandas data frame
- Output data as a new CSV data file
- Imported new data file into a PostgreSQL database using pgAdmin

Quick Data Base Diagrams
URL: https://app.quickdatabasediagrams.com/#/
- Created an Entity Relationship Diagram (ERD)
- Exported ERD as an SQL source file
- Exported ERD as a PNG image and as a PDF file