

EXTRACT

TRANSFORM

LOAD

From Windows:  
Product Tree CSV  
and  
Vulnerability CSV

API\_ETL.ipynb

01\_API\_ETL

Amazon RDS  
Instance

- API Source Data
  - Data did not have any authentication, application.json was needed in header
- © Christian Somoya

- Data is parsed into a dictionary
  - Dictionary is converted to DF
  - DF is converted to CSV
  - Any additional Cleaning done
- © Christian Somoya

- Database Connection made through SQLAlchemy
  - Engine creates connection to RDS
  - CSV Data is sent from dataframe to RDS
- © Christian Somoya

- Data from last step fills empty tables in sql\_project schema
  - Inserted at column ensures that only the latest data is being manipulated
- © Christian Somoya