Toms Hardware Web Scrape Data Pipeline

TechPowerUp_Web_Scrape_Extract_Load_Raw.ipynb   TechPowerUp_Web_Scrape_SQL_Analysis.ipynb   Visualizations.pdf

Source	→	Raw	→	Analysis	→	Mart

Source
- TechPowerUp GPU Database
- Table: GPU Benchmark Hierarchy

Raw
- Scrape HTML with BeautifulSoup
- Normalize to DataFrame
- Save to Postgres: sql_project.gpu_hierarchy_web_raw

Analysis
- Perform SQL queries in Jupyter Notebooks
- Develop business question
- Draw insights, recommendations, and predictions from output

Mart
- Visualize key metric using tables from analysis
- Used PopSQL to develop charts for a dashboard