**Ideas:**

Here are some project ideas for data warehousing projects with datasets:

1. Retail sales analysis: Use retail sales data to analyze customer buying patterns, product popularity, and sales trends over time.
2. Healthcare data analysis: Use healthcare data to analyze patient demographics, diagnoses, treatments, and outcomes.
3. Fraud detection: Use financial transactions data to build a system that detects fraudulent activity.
4. Customer behavior analysis: Use website or app usage data to analyze customer behavior, such as site navigation and purchase history.
5. Supply chain optimization: Use supply chain data to optimize the flow of goods and minimize waste.
6. Predictive maintenance: Use machine data to predict equipment failures and schedule maintenance before they occur.
7. Marketing campaign analysis: Use marketing campaign data to analyze the effectiveness of different campaigns and determine the best strategies for future campaigns.
8. Energy usage analysis: Use energy usage data to optimize energy consumption and reduce costs.
9. Crime analysis: Use crime data to analyze crime patterns, identify hotspots, and allocate resources more effectively.

**Dataset:**

Here are some datasets that can be used for the projects mentioned above:

1. Retail sales analysis:
   * Retail Sales dataset from Kaggle (<https://www.kaggle.com/manjeetsingh/retaildataset>)
   * Online Retail dataset from UCI Machine Learning Repository (<https://archive.ics.uci.edu/ml/datasets/Online+Retail>)
2. Healthcare data analysis:
   * Healthcare Cost and Utilization Project (HCUP) from Agency for Healthcare Research and Quality (<https://www.hcup-us.ahrq.gov/data.jsp>)
   * MIMIC-III Clinical Database from MIT (<https://mimic.physionet.org/>)
3. Fraud detection:
   * Credit Card Fraud Detection dataset from Kaggle (<https://www.kaggle.com/mlg-ulb/creditcardfraud>)
   * Financial Fraud Detection dataset from Sberbank (<https://www.kaggle.com/c/sberbank-russian-housing-market/data>)
4. Customer behavior analysis:
   * Google Analytics Customer Revenue Prediction dataset from Kaggle (<https://www.kaggle.com/c/ga-customer-revenue-prediction>)
   * E-Commerce dataset from UCI Machine Learning Repository (<https://archive.ics.uci.edu/ml/datasets/Online+Retail>)
5. Supply chain optimization:
   * Supply Chain dataset from UCI Machine Learning Repository (<https://archive.ics.uci.edu/ml/datasets/Supply+Chain+Management+Classic+Dataset>)
   * Global Supply Chain Visibility dataset from IBM (<https://developer.ibm.com/exchanges/data/all/global-supply-chain-visibility-dataset/>)
6. Predictive maintenance:
   * NASA Turbofan Engine Degradation Simulation dataset from CMU (<https://ti.arc.nasa.gov/tech/dash/groups/pcoe/prognostic-data-repository/#turbofan>)
   * Predictive Maintenance for Wind Turbines dataset from GE (<https://data.mendeley.com/datasets/g5t5stfkg5/1>)
7. Marketing campaign analysis:
   * Bank Marketing dataset from UCI Machine Learning Repository (<https://archive.ics.uci.edu/ml/datasets/Bank+Marketing>)
   * Direct Marketing Response dataset from UCI Machine Learning Repository (<https://archive.ics.uci.edu/ml/datasets/Direct+Marketing+Response>)
8. Energy usage analysis:
   * Energy consumption dataset from UCI Machine Learning Repository (<https://archive.ics.uci.edu/ml/datasets/Energy+consumption+%28electricity%29>)
   * Home Energy Management dataset from UCI Machine Learning Repository (<https://archive.ics.uci.edu/ml/datasets/Individual+household+electric+power+consumption>)
9. Crime analysis:
   * Crime in San Francisco dataset from San Francisco Police Department (<https://data.sfgov.org/Public-Safety/Police-Department-Incident-Reports-Historical-2003/tmnf-yvry>)
   * Crime in the United States dataset from FBI ([https://ucr](https://ucr/).