

ETL Pipeline

Transformation



- Cleaned missing and invalid data.
- Renamed columns for clarity.
- Standardized job titles and added seniority.
- Normalized salary and compensation fields.
- Formatted country, state, and city names.
- Standardized timestamp format.
- Cleaned gender, race, and education fields.
- Categorized experience levels.
- Converted columns to proper data types.

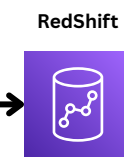
Load



Intermediate Storage

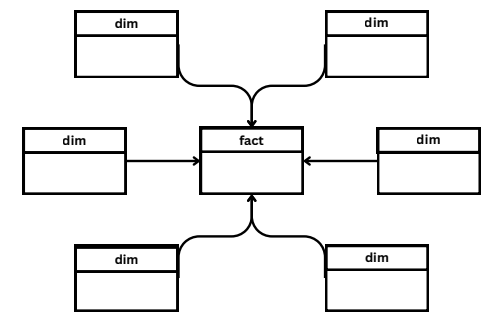


Load the csv data in table format



Data warehouse

Designed and implemented a Star Schema using the transformed data stored in Amazon Redshift.



Star Schema

Data Source

Salary Survey Dataset



(Raw user responses from global participants)