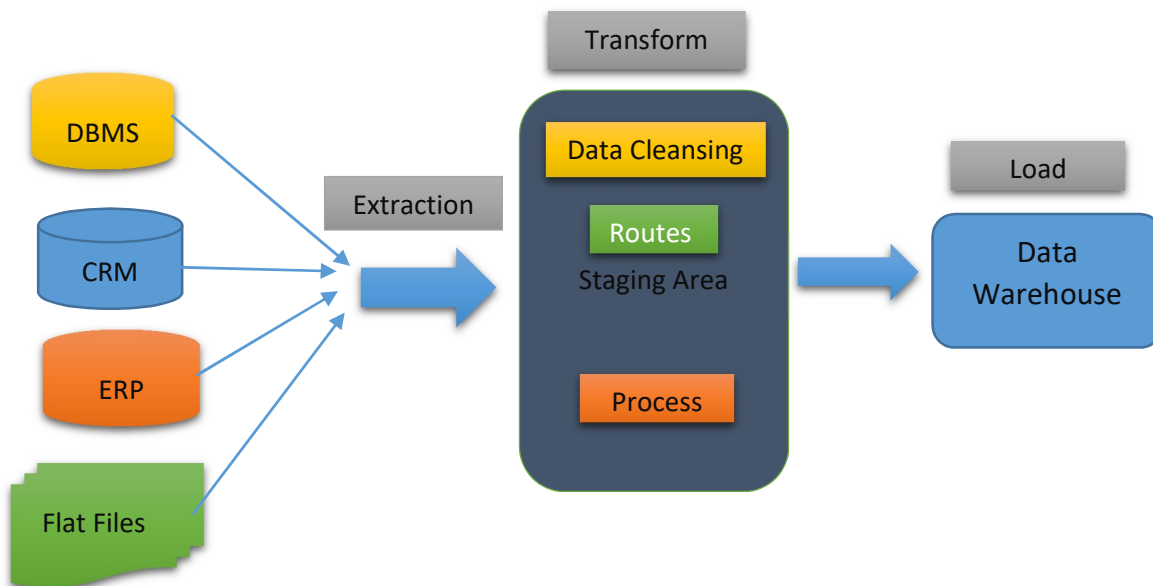


Architecture of ETL:



ETL (Extraction, Transformation, Loading): ETL is the process of extracting the data from the different sources, transforms it into the staging the area and then finally loaded into the data warehouse.

Extraction: In this involves the extraction of data from various sources like CSV, JSON, and XML/HTML files.

Transformation: It transforms the data in accordance with the business rules and standards. Which may include to remove the unnecessary, dirty, junk , redundant data from the data and deliver the pure data or subject oriented data to the load.

Loading: The subject oriented data is loaded into the data warehouse for user requirements.

Data Mining: Data mining is a process of extracting and discovering patterns in large data sets. It is look for hidden pattern or hidden data which the client is looking for performance.

Data Staging: It is also like a kind of database. It will remove the unnecessary, Junk, redundant, unnecessary records from the data and pure, subject oriented data will be loaded into the data warehouse.

ODS (Operational data store): An operational data source is a central database which provides the snapshot of the latest data from the different sources. It enables the organizations to combine the data in its original format from various sources to single destination to make is available for business processing.