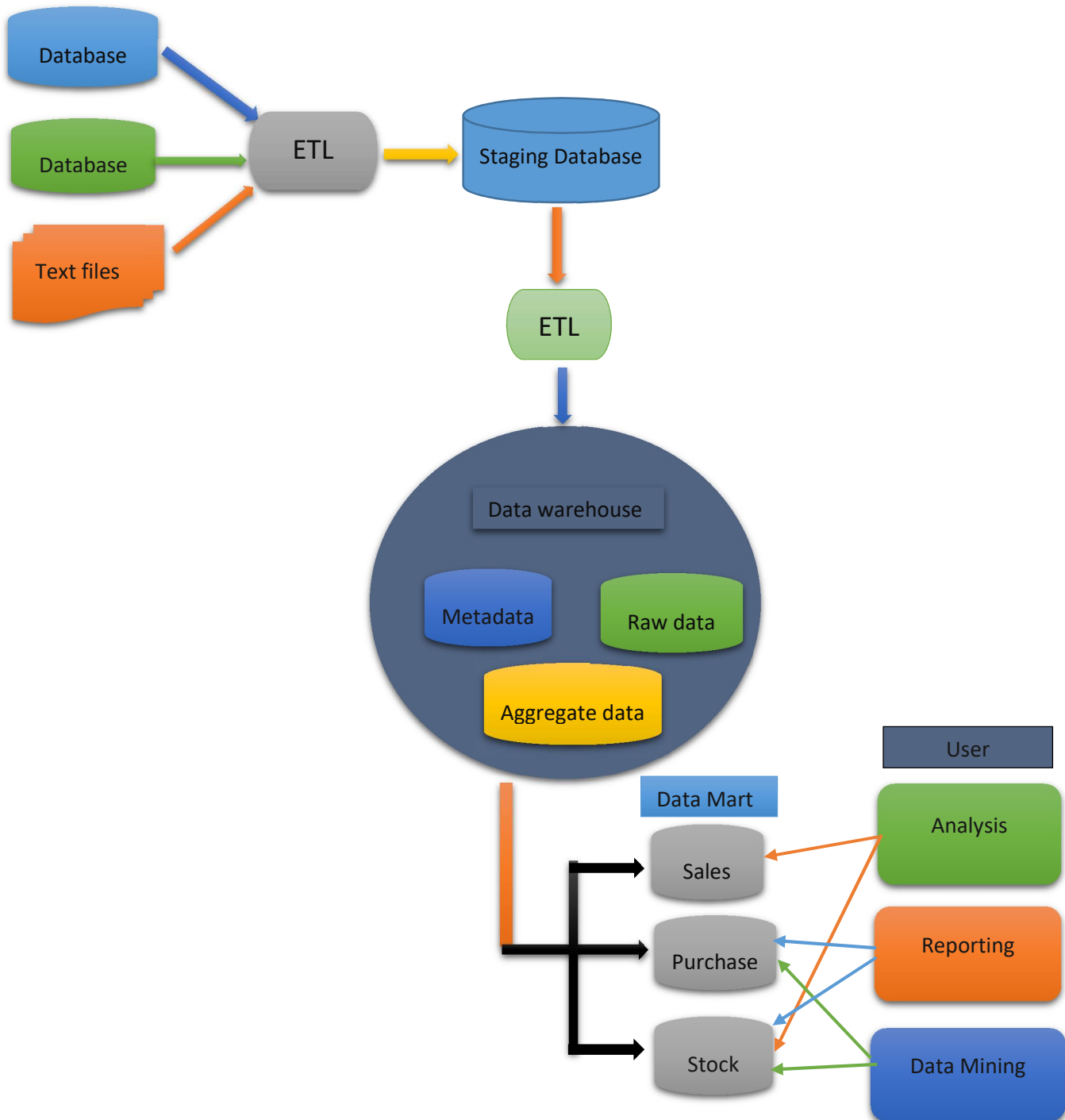


## Data Warehouse Architecture:



**ETL:** ETL is the process of copying the data from different sources into destination system which represents the data differently from the source.

**Data Staging:** It is also like a kind 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.

**Data Mart:** A data mart is a subset of a data warehouse focused on a particular line of business, department, or subject area. Data marts make specific data available to a defined group of users, which allows those users to quickly access critical insights without wasting time searching through an entire data warehouse

**Data Warehouse:** The data warehouse is a relational database that is designed for query and analysis rather than transaction processing. It includes the historical data derived from transaction data from a single or multiple sources

**Metadata:** It is data about the data (or) the document about the information required for the user.

**Raw data:** The data that has not been processed for use is raw data.

**Aggregate data:** Aggregate data is high-level data which is acquired by combining individual-level data. It is a numerical data.

**Data Mining:** Data mining is a process of extracting and discovering patterns in large data sets involving methods at the intersection of machine learning, statistics, and database systems

(or)

It is used to look for hidden patterns or hidden data which the client is looking to perform analysis.