In GCP, you can build an ETL (Extract, Transform, Load) pipeline using various services. Here's an example flow:

Source:

The data source can be any system or service that holds the data you want to extract. It could be a database, file storage, an API, or even streaming data from Pub/Sub.

ETL:

GCP offers multiple tools for performing the ETL process. Some commonly used ones include:

Cloud Dataflow:

Cloud Dataflow allows you to extract, transform, and load data at scale. It supports both batch and streaming processing and provides a unified programming model using Apache Beam. You can define your data transformations and pipelines using Dataflow's programming SDKs.

Dataprep:

Dataprep is a visual data preparation tool that helps you clean, transform, and enrich your data before loading it into a target system. It provides a user-friendly interface for exploring and preparing data without writing code.

Cloud Dataproc:

Cloud Dataproc is a managed Apache Hadoop and Spark service. It enables you to process and transform large datasets using familiar tools and frameworks like Apache Spark, Apache Hadoop, and Hive.

Target:

The target represents the destination where you want to load the transformed data. It could be a data warehouse like BigQuery for analysis, a database like Cloud SQL or Cloud Spanner for storage, or any other system that requires the transformed data.