Ingestion/Integration = Stitch

Server = AWS

Database = Postgresql (with modeling happening in "Views")

Visualization = PowerBI

- In the current tech stack transformation tool is missing. In some cases we have to deal with unstructured source format where transformations are required. And there is no option for filtering or transformation of data within the stitch, at the end we have to deal with tools like dbt or apache spark.
- It's good that stitch sends all data, but still handling null values and missing columns are challenging task. Handling the unsupported data types and table names collision while replicating data is also challenging.
- Using postgresql instance with stitch integration, common challenges like slow replication issues have to be handled. And source library in stitch is limited compared to fivetran. We have to implement external apis in order to integrate with stitch.
- In stitch integration with postgresql, logical replication slot should be used by a single process or that integration. If we share replication slot for multiple processes there is a risk of losing the data.
- In the current tech stack extraction logs from stitch are helpful for auditing and event logging , it can be improved adapting transformation tools.