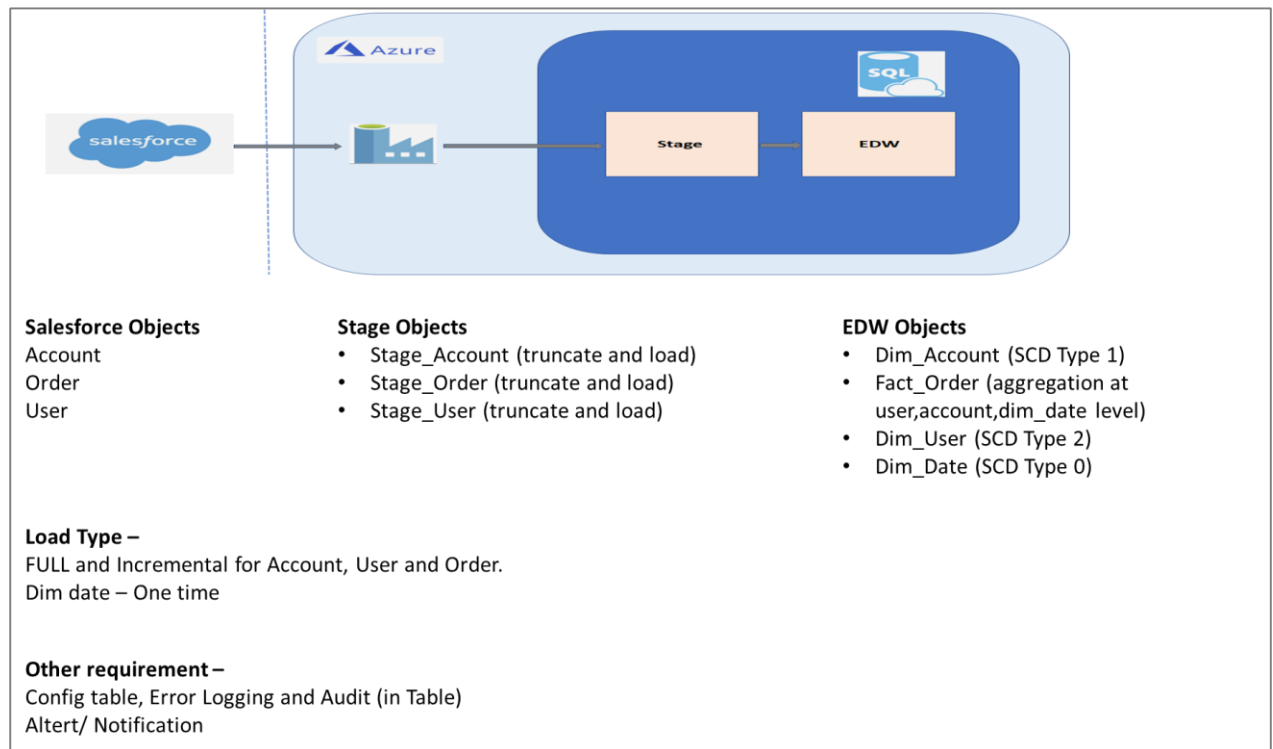# EDW implementation in ADF

ETL architecture for data migration from source system namely Sales Force to SQLDB staging layer and will further be enhanced for the warehouse layer (EDW). ADF is considered for ETL implementation.

- **Solution Diagram**

Salesforce Objects
Account
Order
User

Stage Objects
- Stage_Account (truncate and load)
- Stage_Order (truncate and load)
- Stage_User (truncate and load)

EDW Objects
- Dim_Account (SCD Type 1)
- Fact_Order (aggregation at user,account,dim_date level)
- Dim_User (SCD Type 2)
- Dim_Date (SCD Type 0)

Load Type –
FULL and Incremental for Account, User and Order.
Dim date – One time

Other requirement –
Config table, Error Logging and Audit (in Table)
Altert/ Notification

- **Solution Description**

Solution to achieve read from Salesforce and load in SQLDB can be done in 2 steps:

Step 1- Data extraction from source to stage
Step 2- Transform data from stage to EWH