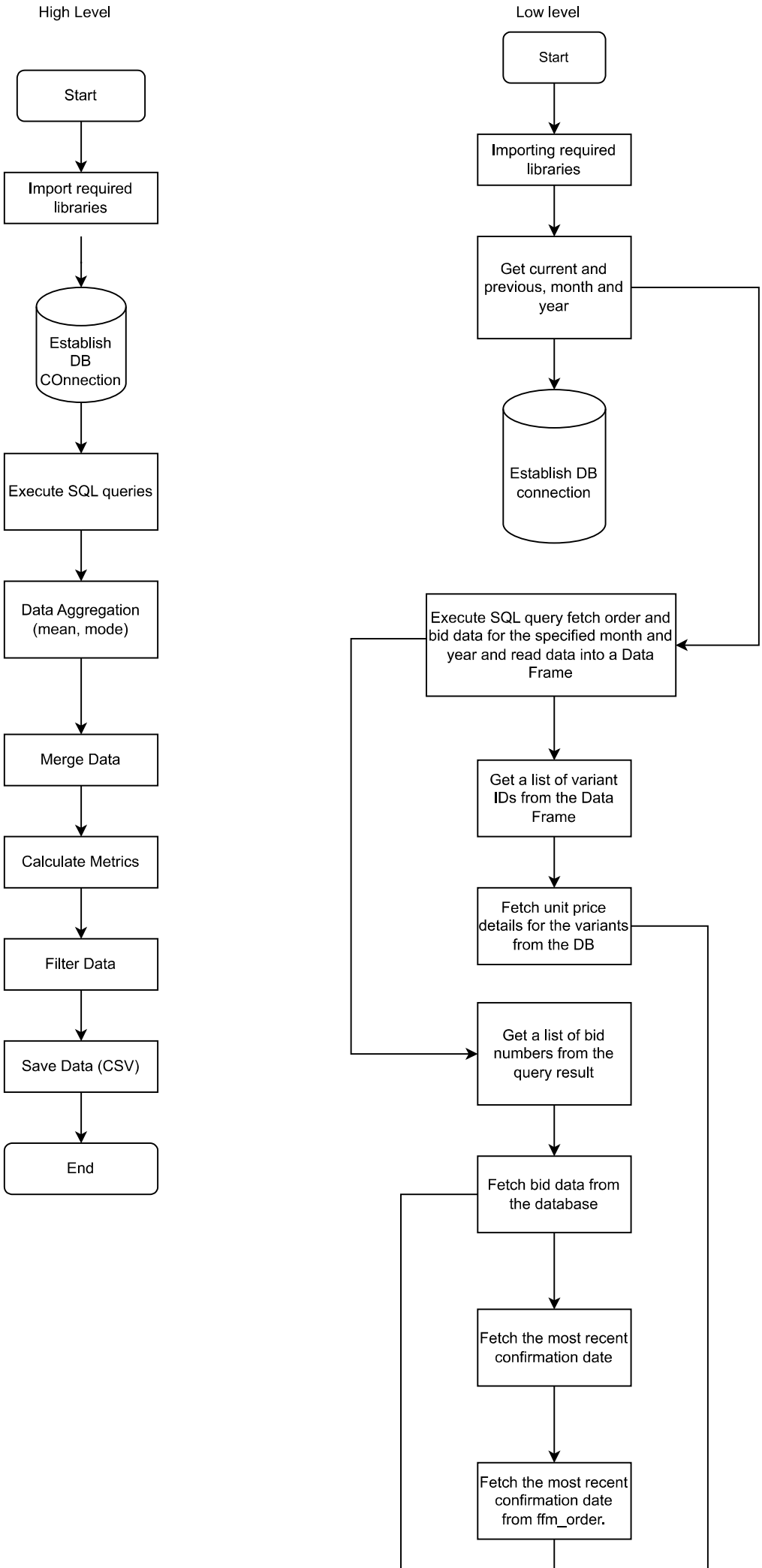
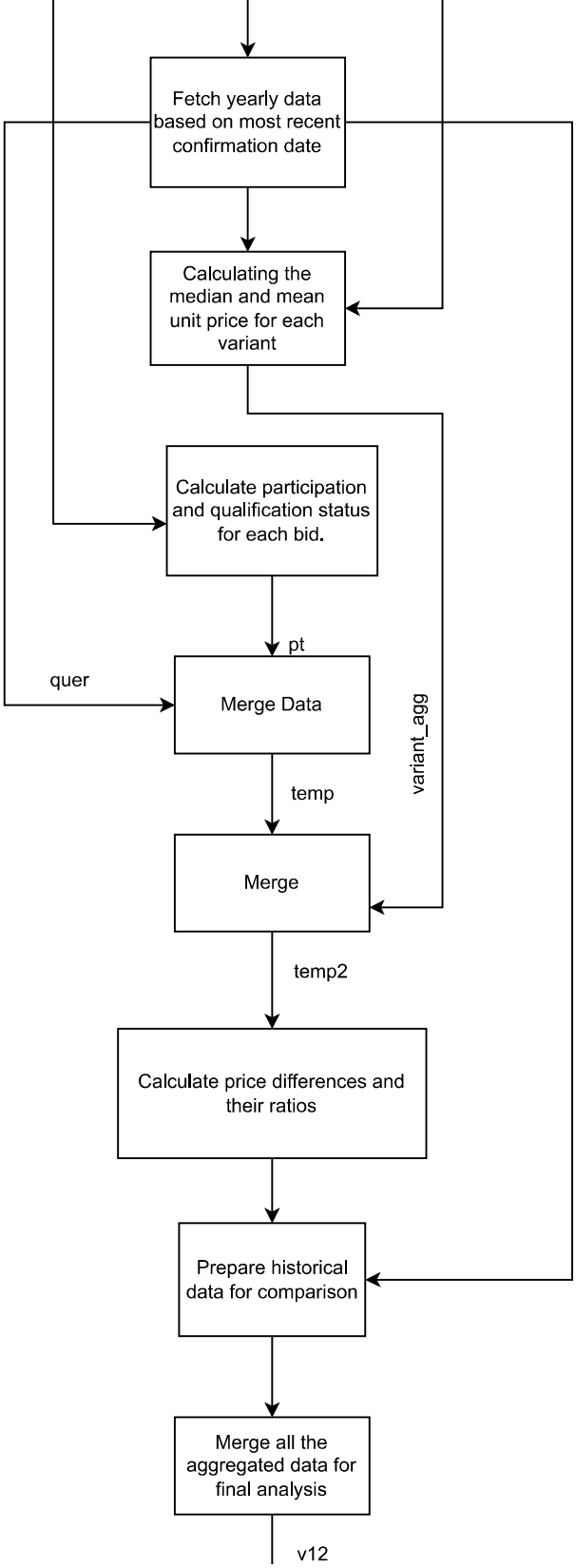

High Level
Start
Import required libraries
Establish DB COnnection
Execute SQL queries
Data Aggregation (mean, mode)
Merge Data
Calculate Metrics
Filter Data
Save Data (CSV)
End
Low level
Start
Importing required libraries
Get current and previous, month and year
Establish DB connection
Execute SQL query fetch order and bid data for the specified month and year and read data into a Data Frame
Get a list of variant IDs from the Data Frame
Fetch unit price details for the variants from the DB
Get a list of bid numbers from the query result
Fetch bid data from the database
Fetch the most recent confirmation date
Fetch the most recent confirmation date from ffm_order.


Fetch yearly data based on most recent confirmation date
Calculating the median and mean unit price for each variant
Calculate participation and qualification status for each bid.
pt
quer
Merge Data
variant_agg
temp
Merge
temp2
Calculate price differences and their ratios
Prepare historical data for comparison
Merge all the aggregated data for final analysis
v12