*All the Solution should be built keeping incremental value being fetched by code in Mind. You can mention the assumption being taken while writing the code. Entire code should be modular in nature and should follow Production Codes Standard*

Question 1

Write an automated script from SQL ingestion for a database which publishes below information every 25th Minutes and stores it in SQL Table

* With a product table defined with a Region, Crop name, Crop SKU, and Selling price, Last Modified Time, how would you construct a query that shows the lowest priced SKU at any particular time(This will be manual input by user). Also want to store Lowest Price of each SKU at any given point of time?

Question 2

With an order table defined with a date, a product SKU, price, quantity, tax rate, and shipping rate, how would you construct a query that shows the average order cost?

Question 3

There is a Product Table stored in AWS S3 in CSV format, which captures the last price of the item sold on a platform. For item with status as Active, we need to get the latest price irrespective of whether item is being sold at that price or not, while for Inactive item,we need the last traded price

You need to built a SQL query which fetches this data from SQL query and stores the data in the above CSV