**SQL Assignment 1**

* 1. select all the rows for the month of April

Graphical user interface

Description automatically generated

* 1. distinct number of products, vendors

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

* 1. sort all the rows by quantity

A picture containing table

Description automatically generated

* 1. select rows where the day of the order is an even number, and the quantity is greater than 10

Graphical user interface, text, application

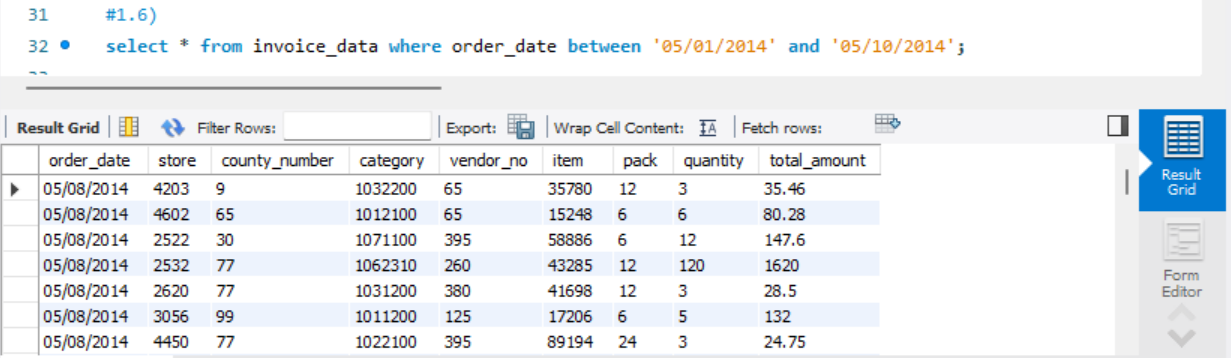
Description automatically generated

* 1. select all the rows where the quantity is greater than 10 or the amount is greater than 100

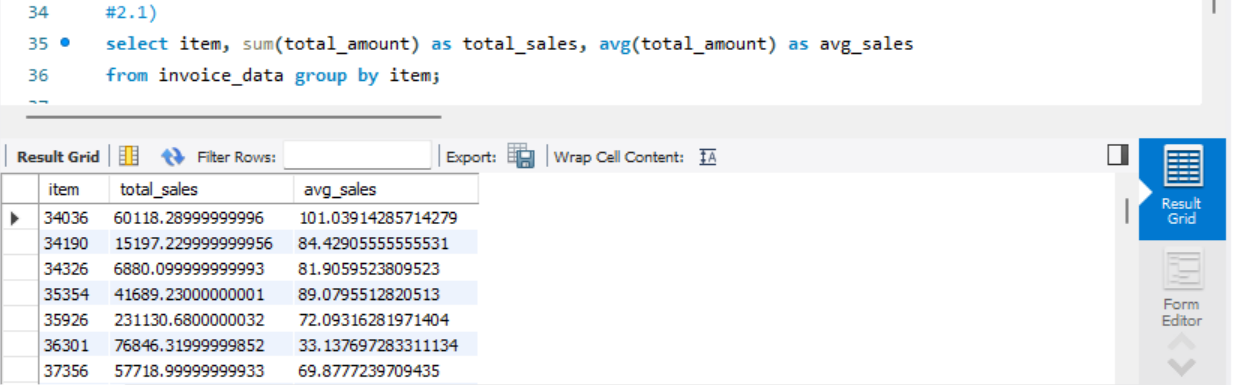
A picture containing table

Description automatically generated

* 1. select rows with order date between May 1 and May 10



* 1. Sum and Average sales for each product, vendor, category, store



Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

* 1. count of stores that have total sales greater than 1,000

Graphical user interface, text, application

Description automatically generated

* 1. MoM % Change in Sales and Quantity

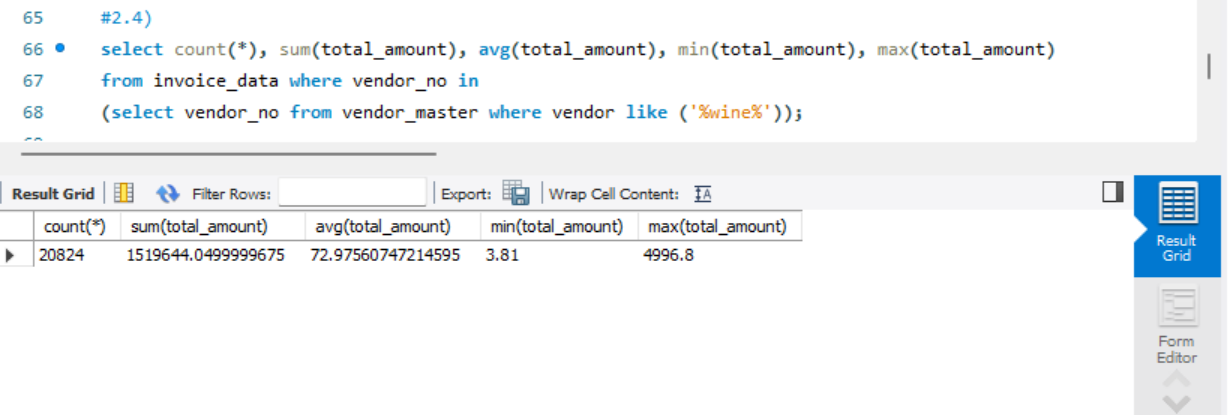
Graphical user interface, text, application, email

Description automatically generated

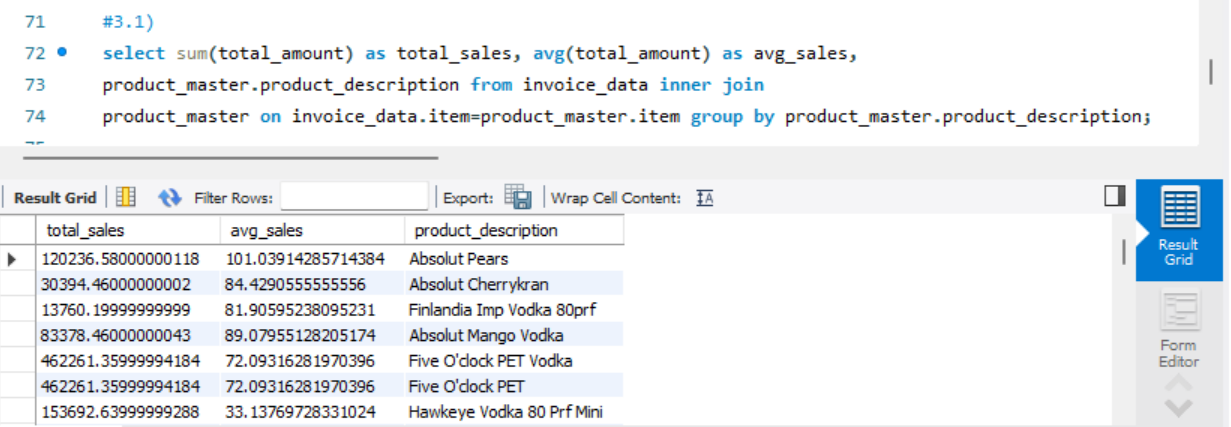
Graphical user interface, text, application

Description automatically generated

* 1. Summary of all the vendors with name containing wine in them



* 1. Sum and Average sales for each product, vendor, category, store



Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application, email

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Description automatically generated

* 1. count of stores that have total sales greater than 1,000

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Description automatically generated

* 1. MoM % Change in Sales and Quantity

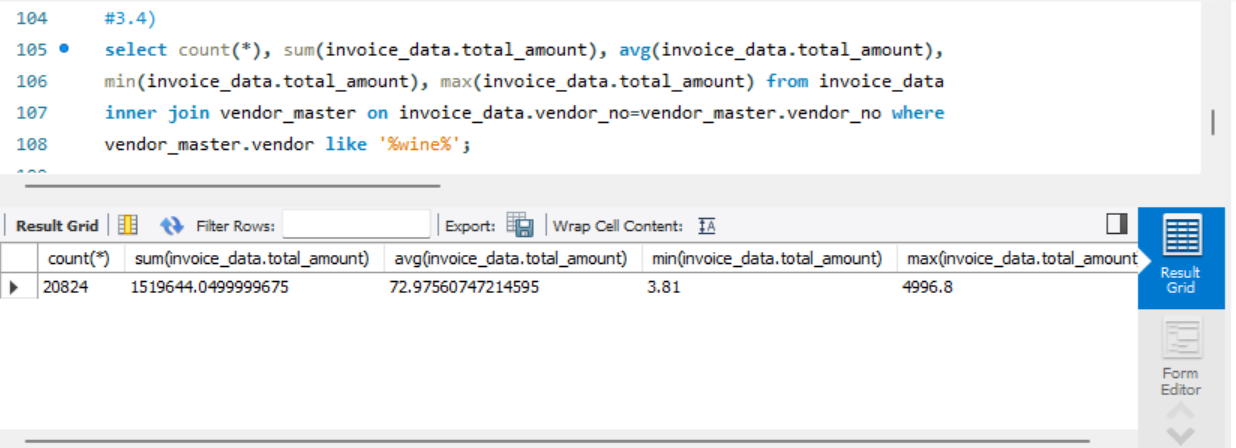
Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

* 1. Summary of all the vendors with name containing wine in them



1. Top 5 products with Sales in every Product Category

Graphical user interface, text, application

Description automatically generated

* 1. Create a table with Product Summary - Product id, Product description, Product Category, Month, Total quantity, and Total Amount

Graphical user interface, text

Description automatically generated

* 1. Create view with Vendor Summary - Vendor id, name, month, total quantity, and total amount

Graphical user interface, text, application, email

Description automatically generated