Logo

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Project Data Warehousing

Phase 2

TA: Ahmed Galal

|  |  |
| --- | --- |
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2. Data Flow Task and Control Flow

1. Customer Control flow

A screenshot of a computer

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2. Customer Data flow from SRC to STG

A picture containing software, text, multimedia software, graphics software

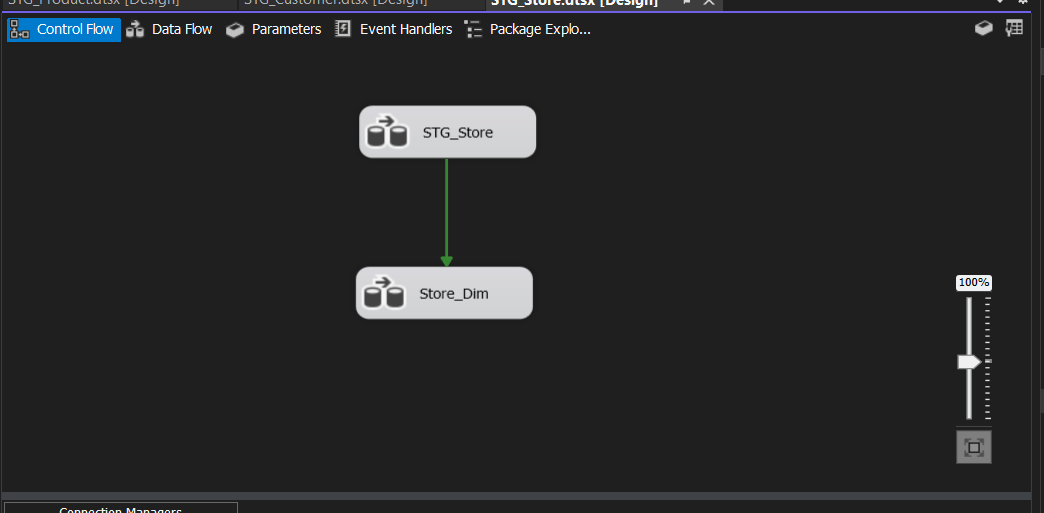
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3. Customer data flow from STG to DWH

A screenshot of a computer

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4. Store Control flow



5. Store data flow from SRC to STG

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6. Store data flow from STG to DWH

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6. Product control flow

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7. Product data flow From Source to STG

A screenshot of a computer

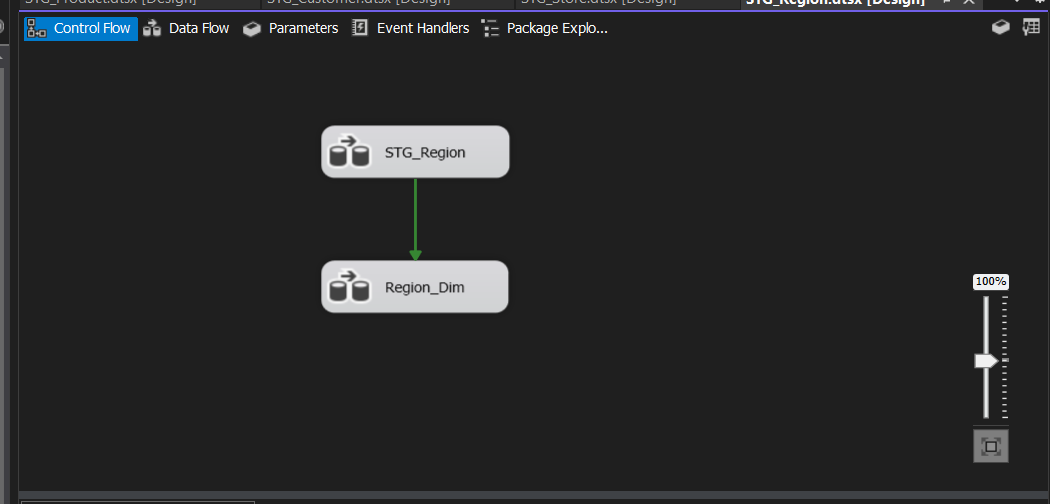
Description automatically generated with medium confidence

8. Product data flow From STG to DWH

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Description automatically generated with medium confidence

9. Region control flow



10. Region data flow from SRC to STG

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11. Region data flow from STG to DWHA screenshot of a computer

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12. Payment Strategy Control flow

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13. Payment Strategy data flow from SRC to STG

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14. Payment Strategy data flow from STG to DWH

A screenshot of a computer

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15. Control flow for Inventory Fact Table

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16. Order data flow from SRC to STG

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17. Inventory Fact Table from Order STG to DWH

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18. Revenue Fact Table Control flow

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19. Revenue Fact Table Data flow form Order STG to DWH

A screenshot of a computer

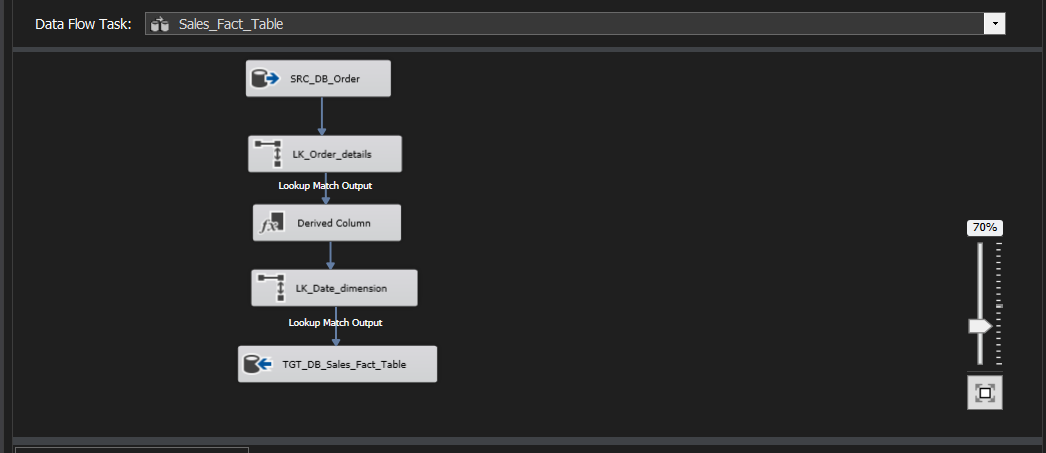
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20. Sales Fact Table Control flow

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21. Sales Fact Table data flow from order STG to DWH



22. Payment Fact Table Control flow

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Description automatically generated

23. Payment Fact Table data flow from STG to DWH

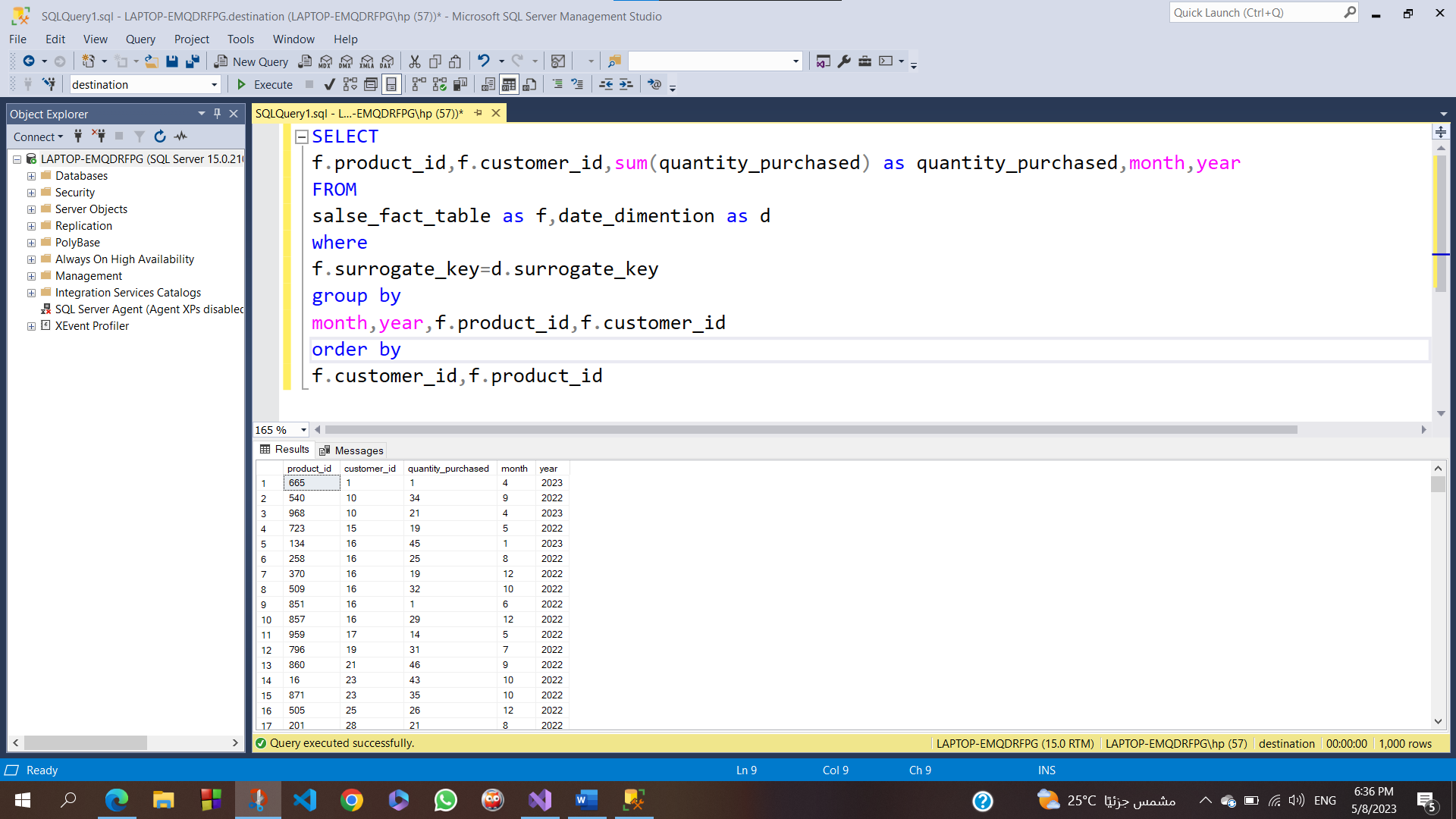
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2. Queries on Fact Tables

1. Sales Fact Table

* Quantity purchased of each product to each customer monthly basis.



2. Inventory Fact Table

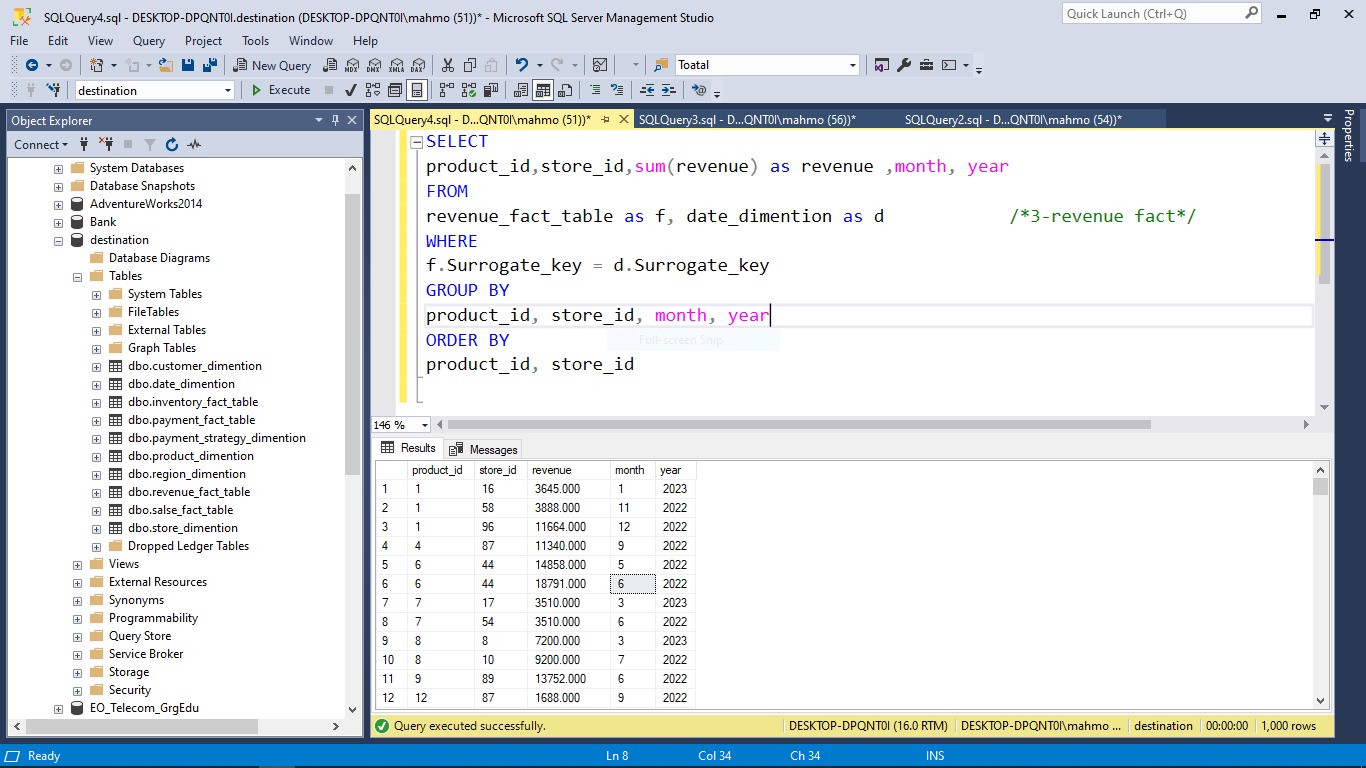
* The Quantity purchased for each product in a specific store monthly basis.

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3. Revenue Fact Table

* Revenue of each product in each store monthly basis.



4. Payment Fact Table

* Count the Customers from each Region to pay with a Specific Payment Strategy monthly basis (Factless Fact Table).

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Description automatically generated with medium confidence

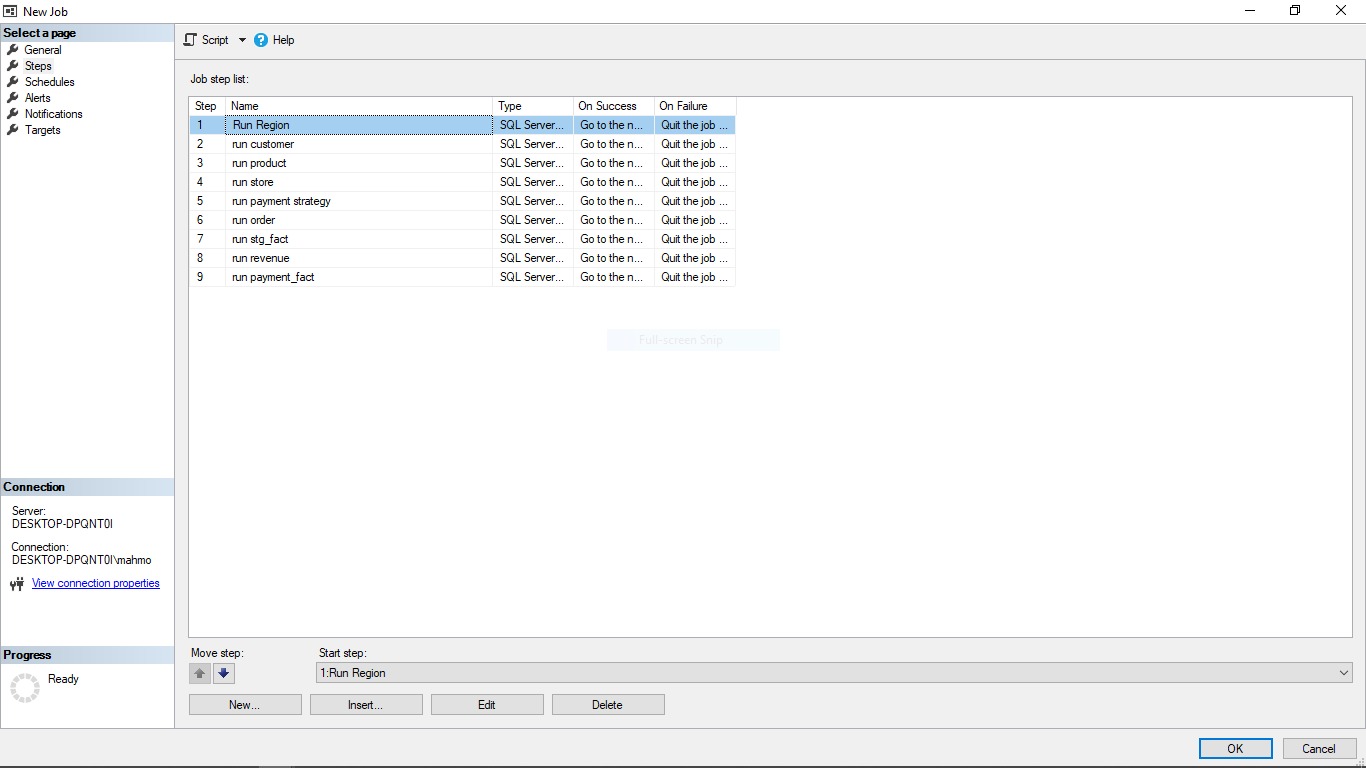
3. Deployment

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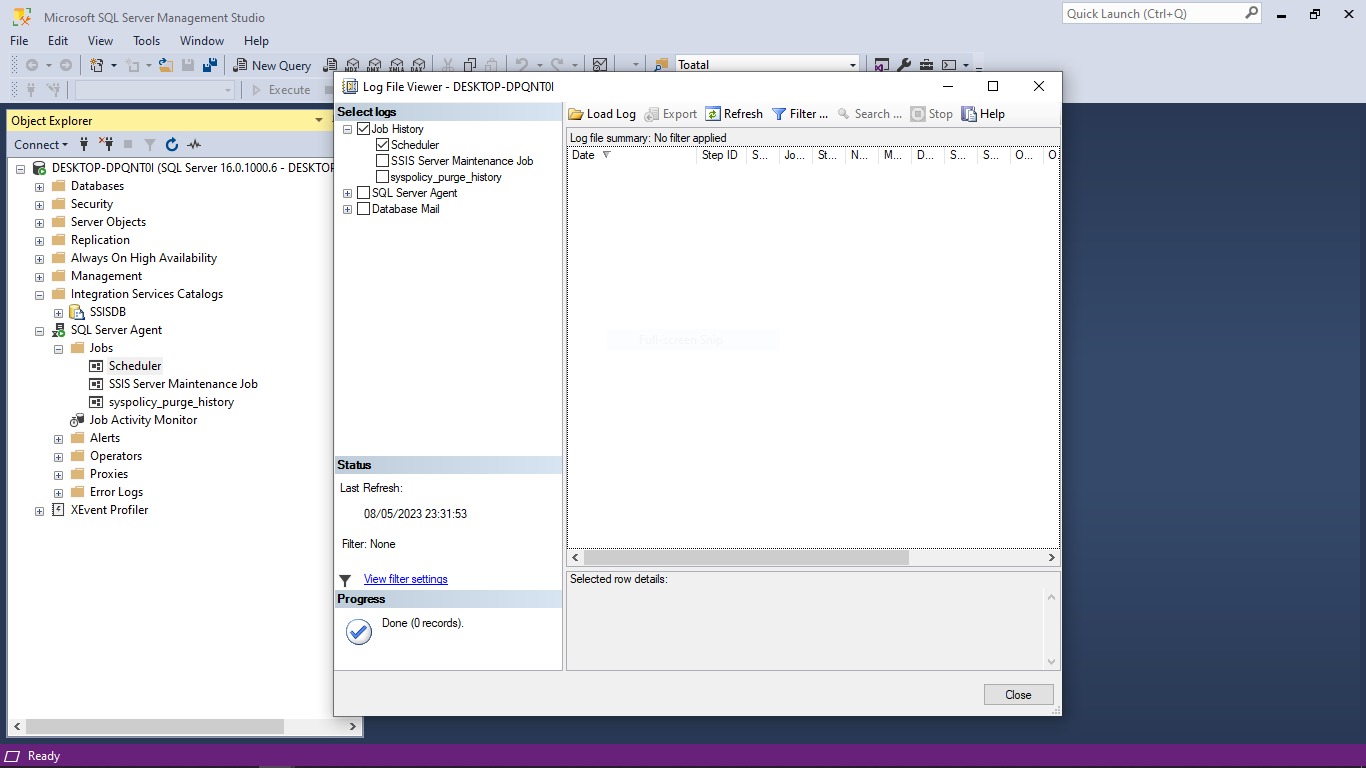
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The Scheduler

1.



2.



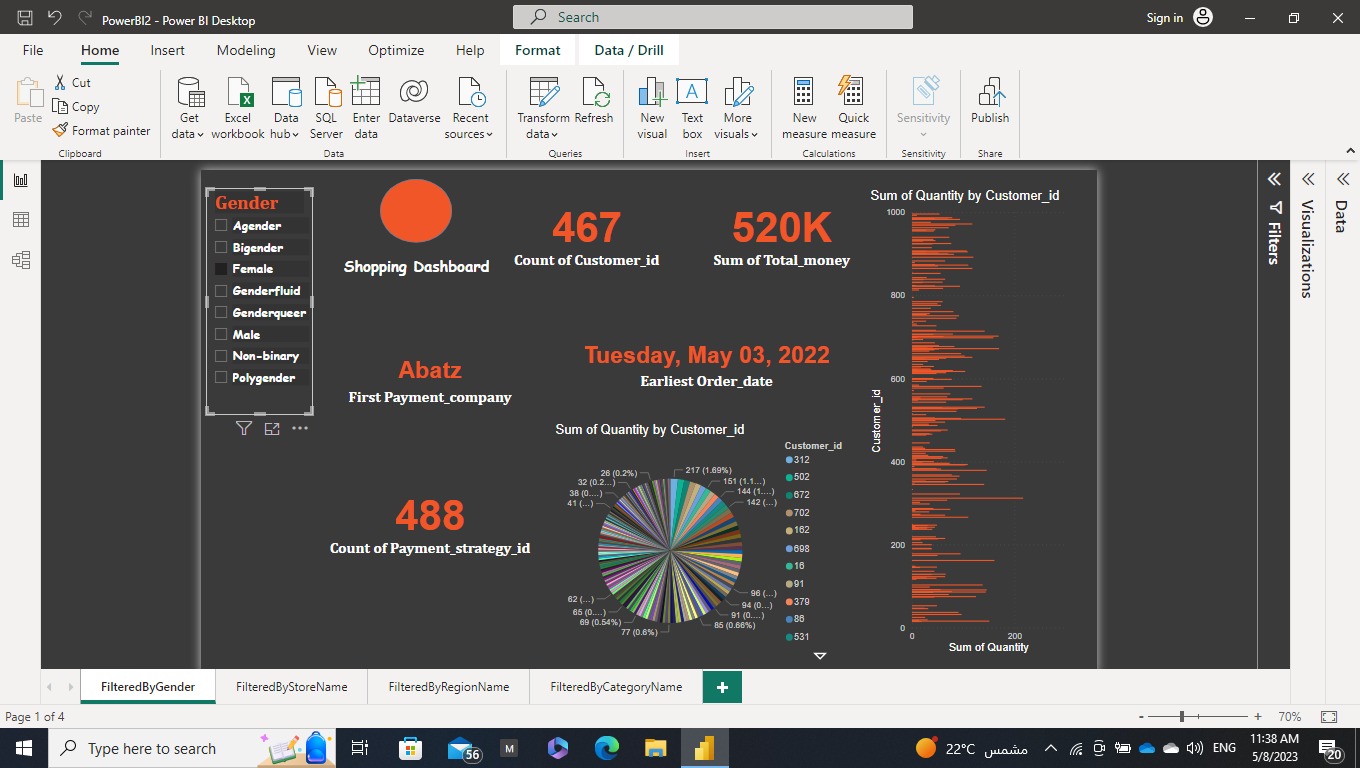
4. Dashboard For Source

1. Sum of quantity by customer id filtered by gender

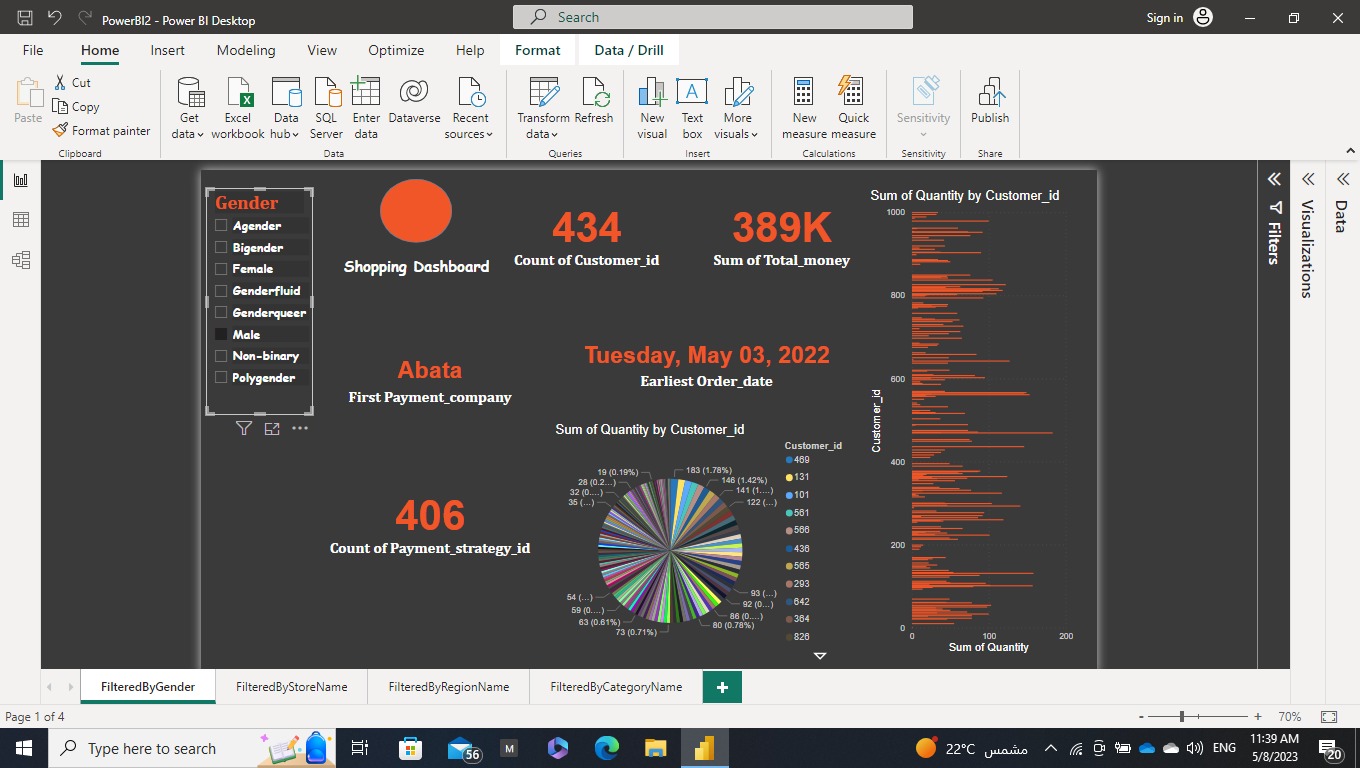
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2. Sum of quantity by customer id filtered by Female



3. Sum of quantity by customer id filtered by Male



4. Sum of quantity by Product id filtered by store name

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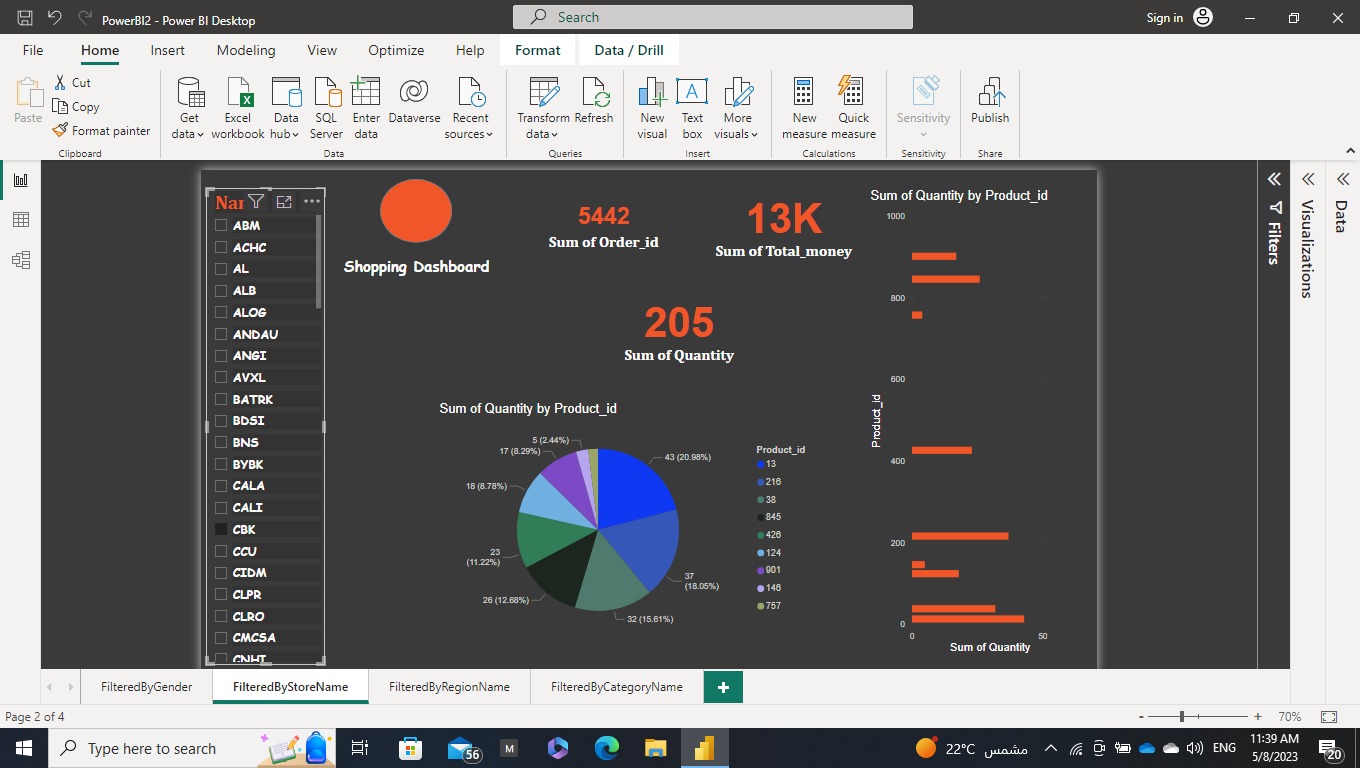
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5. Sum of quantity by Product id filtered by store name AVXL

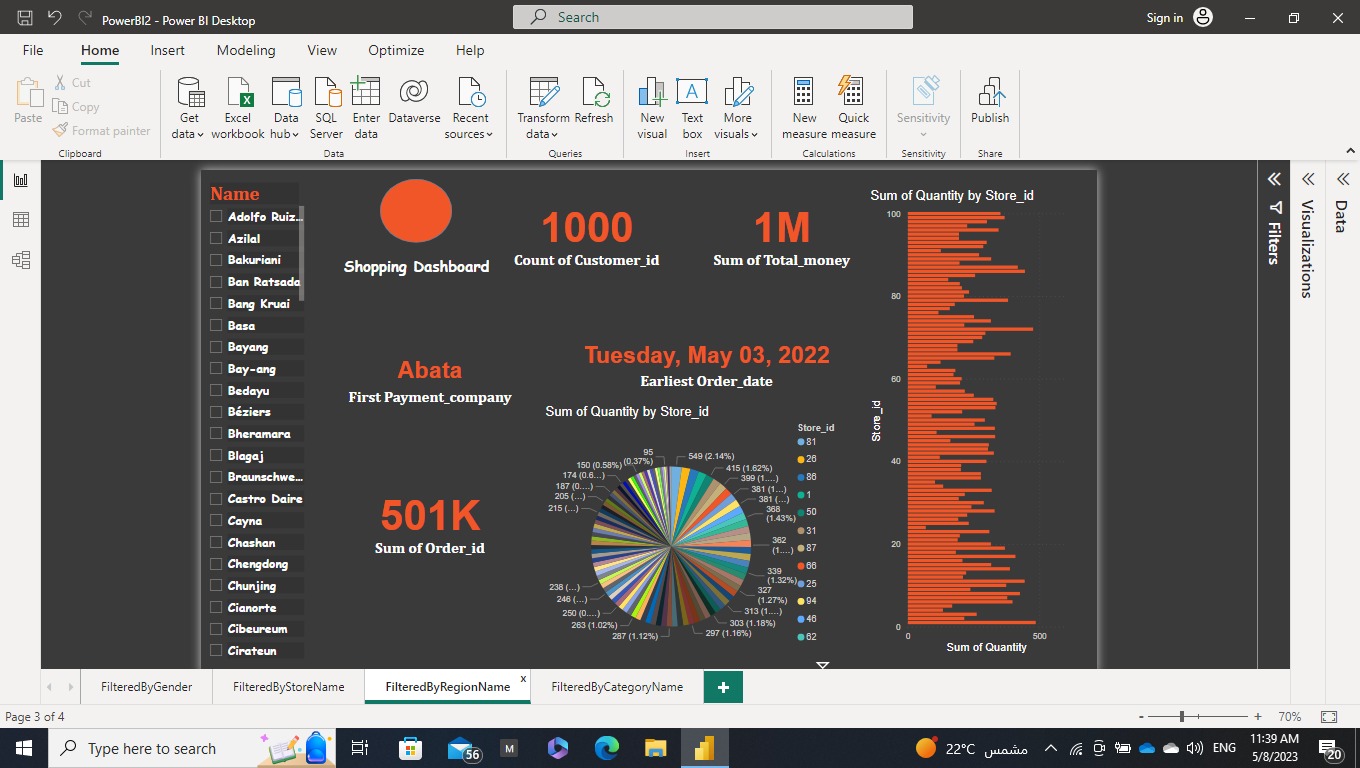
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6. Sum of quantity by Product id filtered by store name CBK



7. Sum of quantity by Store id filtered by region name

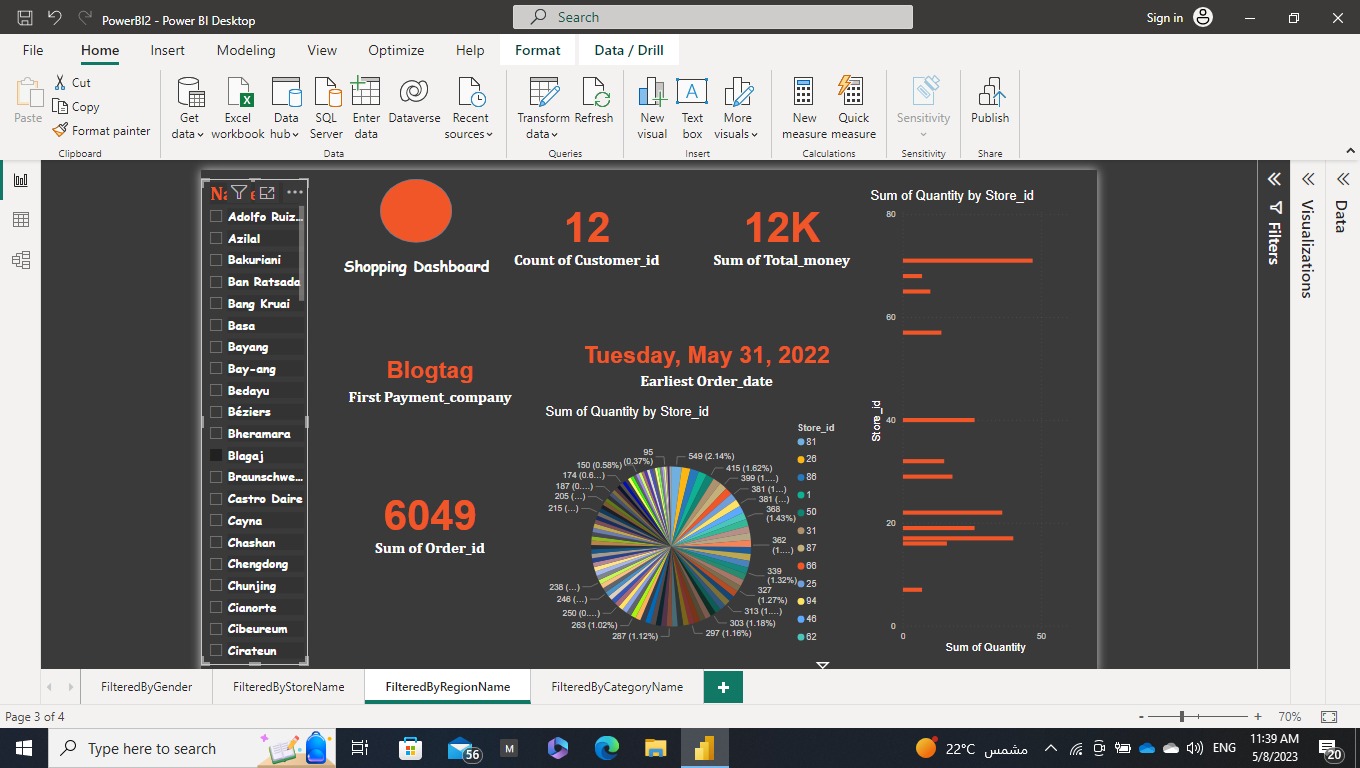


8. Sum of quantity by Store id filtered by region name basa

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9. Sum of quantity by Store id filtered by region name Blagoj



10. Sum of quantity by Category id filtered by Category name

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11. Sum of quantity by Category id filtered by Category name II

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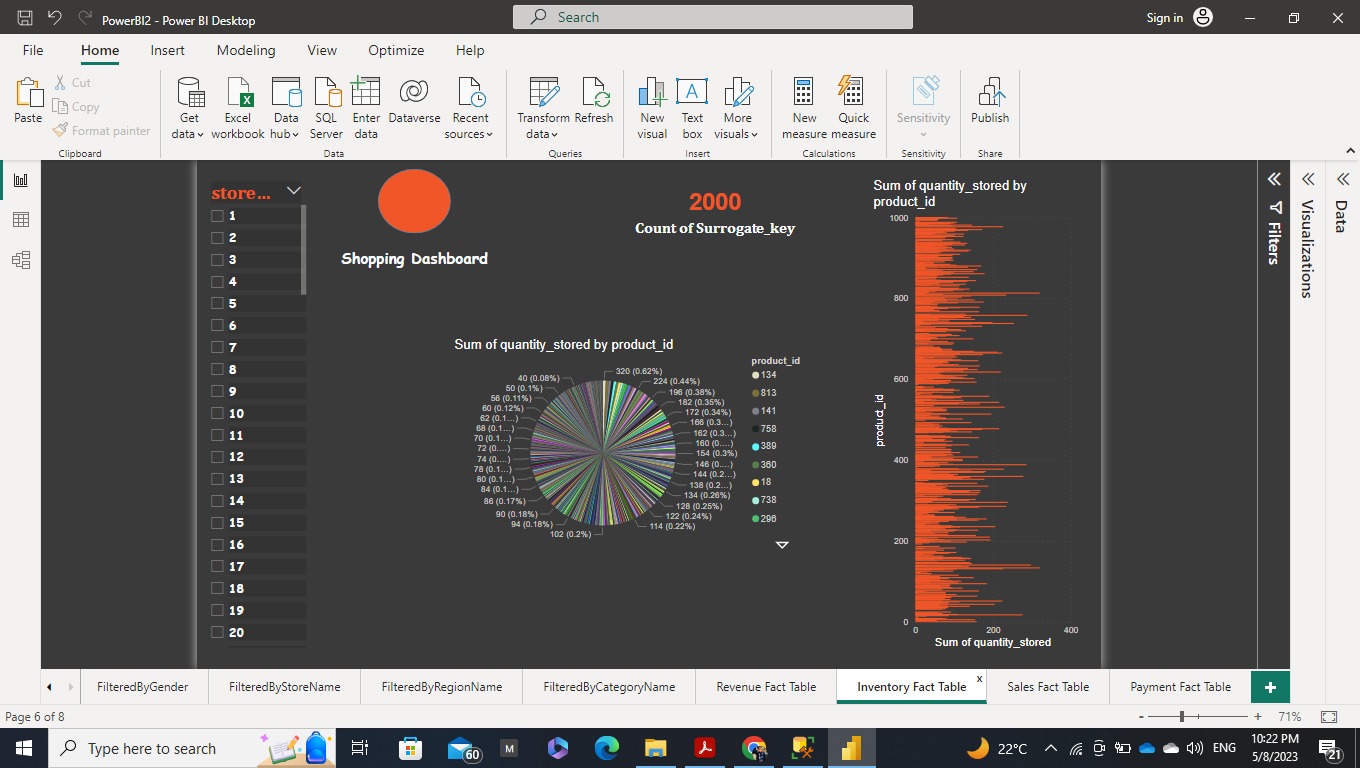
12. Sum of quantity by Category id filtered by Category name Jr

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4. Dashboard for DWH

* Query for Inventory Fact Table



* Query for Sales Fact Table

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* Query for Revenue Fact Table

A screenshot of a computer

Description automatically generated

* Query for Payment Fact Table

