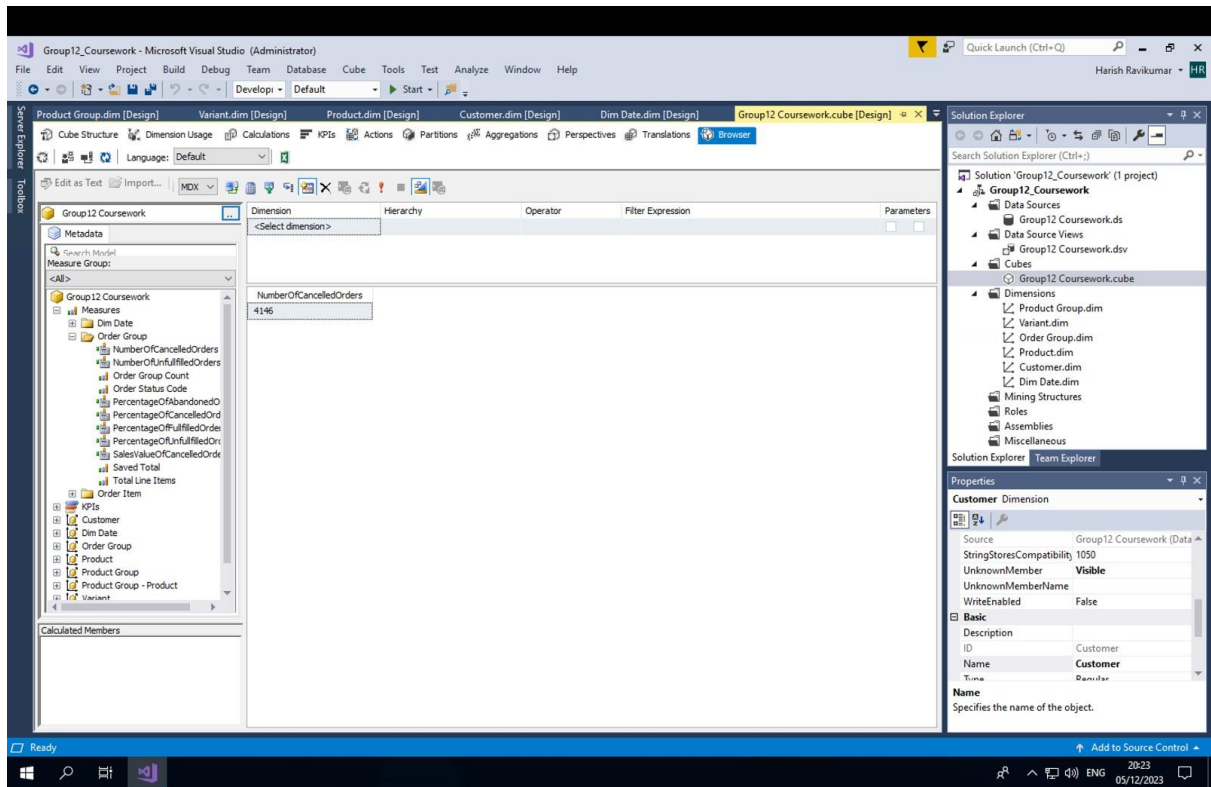
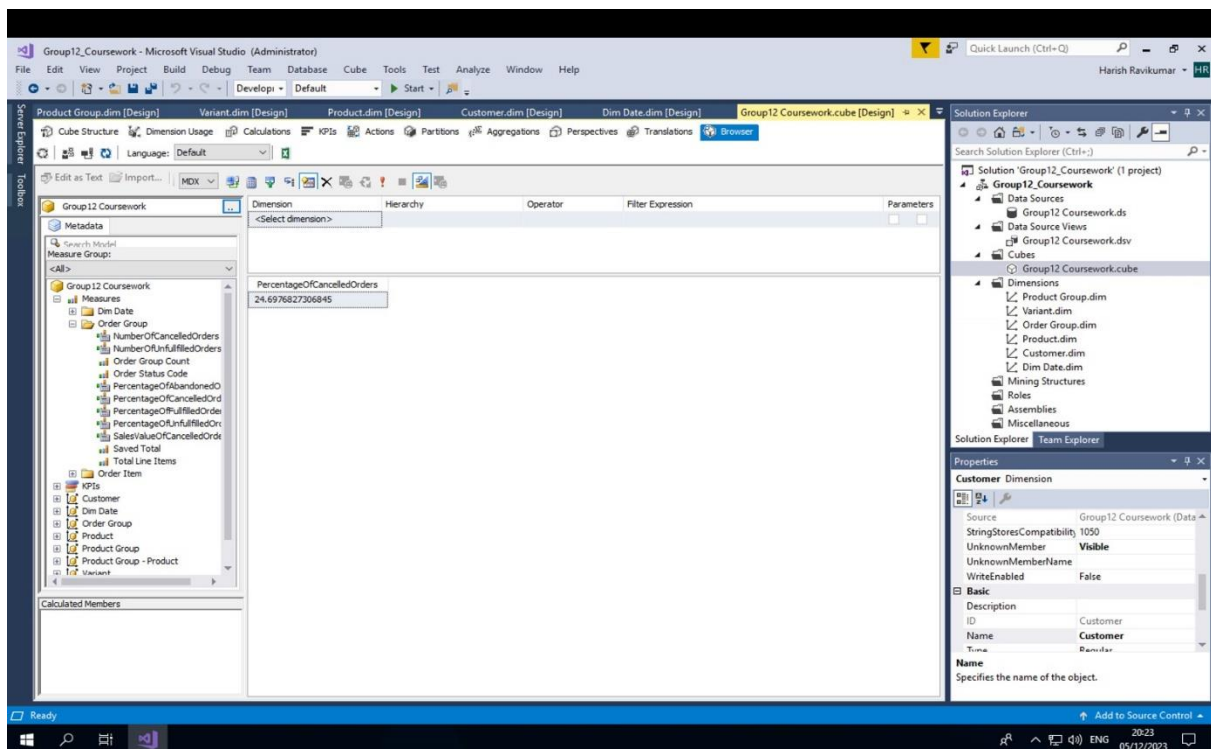


Deliverable 2 – Group 12

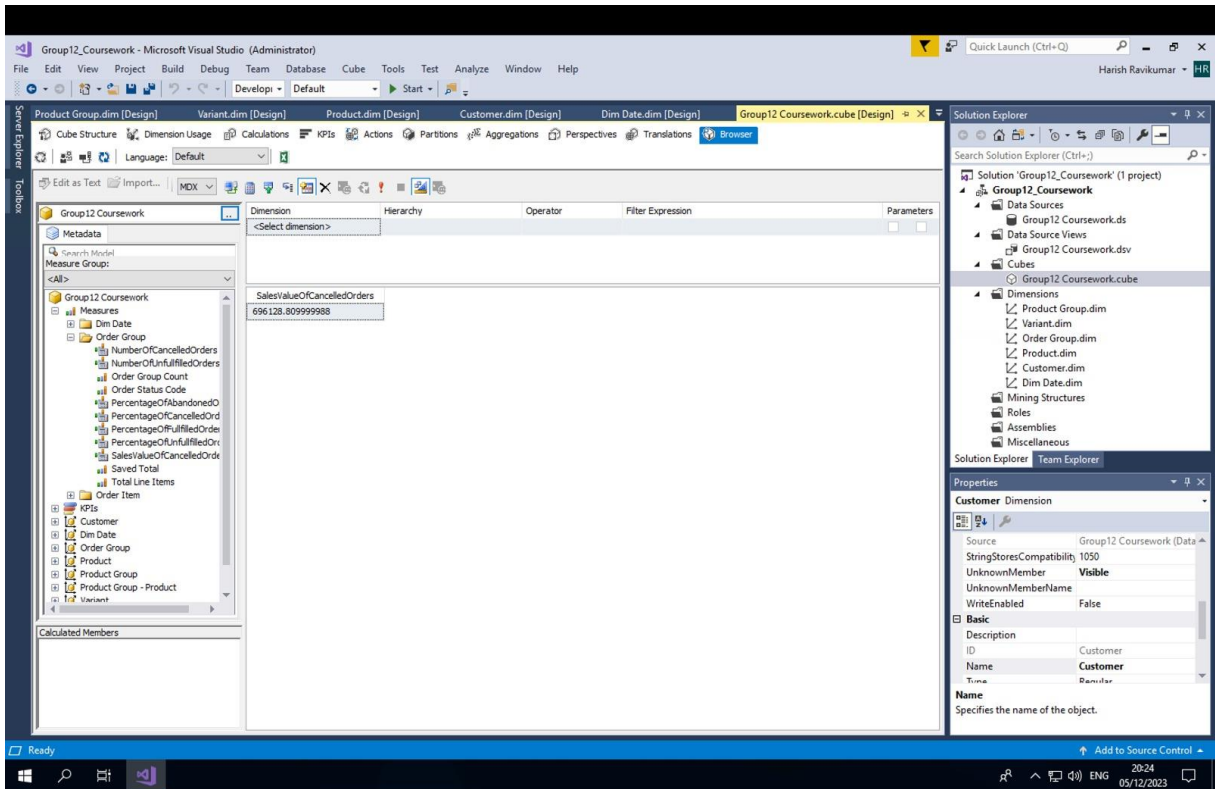
1. Number of cancelled orders



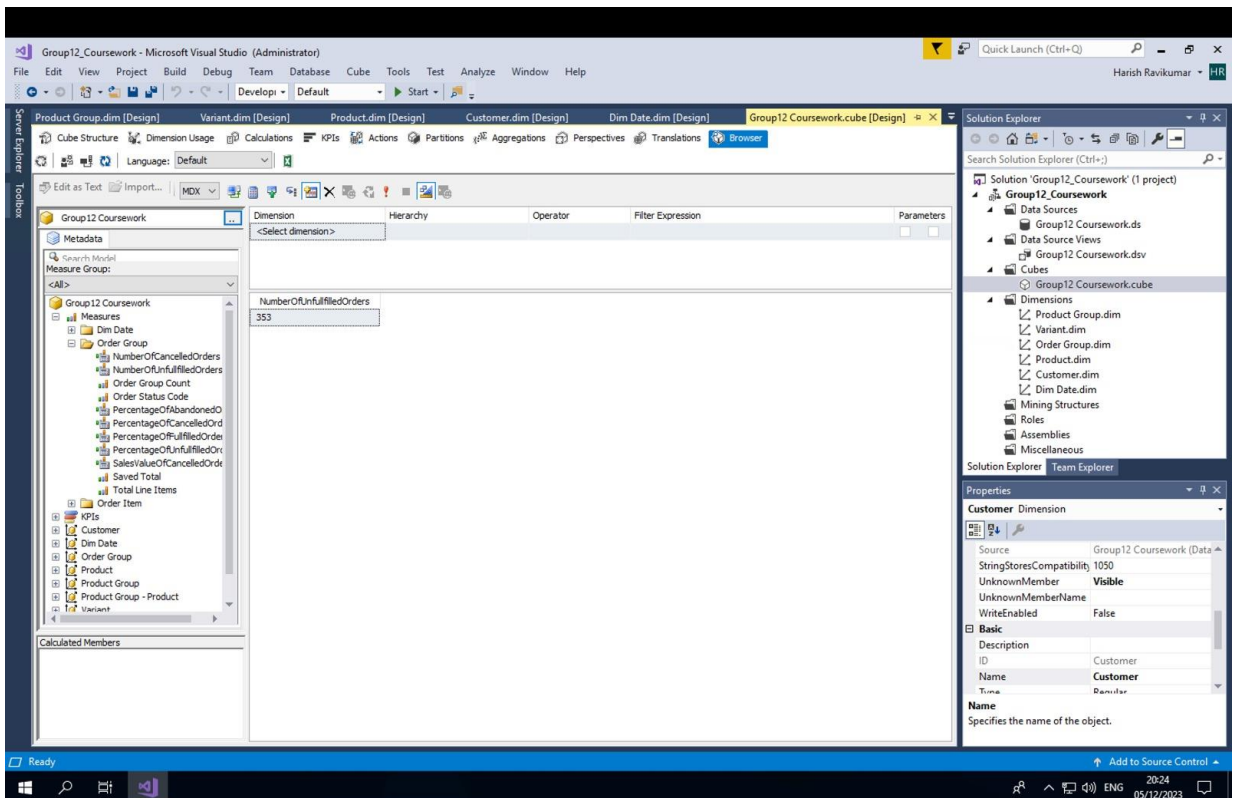
2. Percentage of orders cancelled by the customer



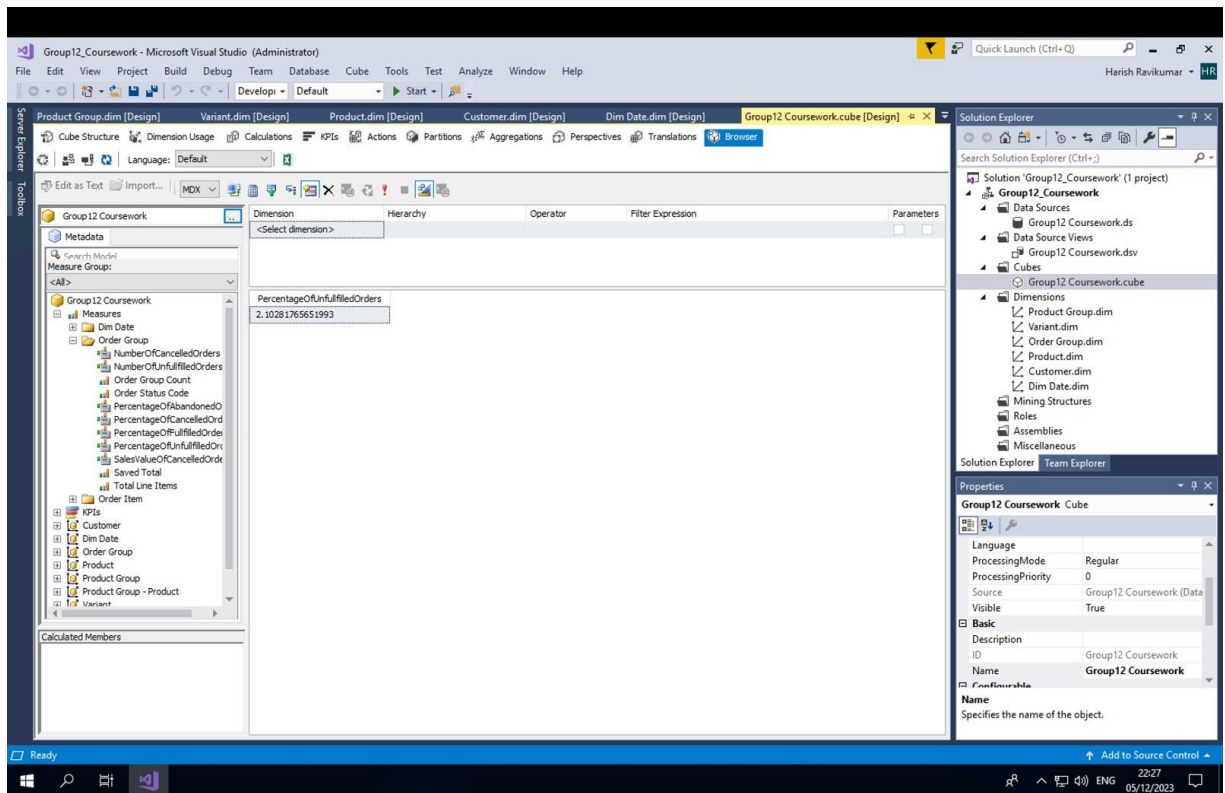
3. Sales value of cancelled orders



4. Number of unfulfilled basket orders due to out-of-stock item(s)



5. Percentage of all unfulfilled basket orders



Group12_Coursework - Microsoft Visual Studio (Administrator)

File Edit View Project Build Debug Team Database Cube Tools Test Analyze Window Help

Develop - Default Start

Product Group.dim [Design] Variant.dim [Design] Product.dim [Design] Customer.dim [Design] Dim Date.dim [Design] Group12_Coursework.cube [Design]

Cube Structure Dimension Usage Calculations KPIs Actions Partitions Aggregations Perspectives Translations Browser

Language: Default

Group12_Coursework

Metadata

Measure Group:

<All>

Group12_Coursework

Measures

Dim Date

Order Group

NumberOfCancelledOrders

NumberOfUnfulfilledOrders

Order Group Count

Order Status Code

PercentageOfAbandonedOrders

PercentageOfCancelledOrders

PercentageOfUnfulfilledOrders

SalesValueOfCancelledOrders

Saved Total

Total Line Items

Order Item

KPIs

Customer

Dim Date

Order Group

Product

Product Group

Product Group - Product

Variant

Calculated Members

Dimension Hierarchy Operator Filter Expression Parameters

<Select dimension>

PercentageOfUnfulfilledOrders

2.10281765651993

Solution Explorer

Search Solution Explorer (Ctrl+Q)

Solution 'Group12_Coursework' (1 project)

Group12_Coursework

Data Sources

Group12_Coursework.ds

Data Source Views

Group12_Coursework.dsv

Cubes

Group12_Coursework.cube

Dimensions

Product Group.dim

Variant.dim

Order Group.dim

Product.dim

Customer.dim

Dim Date.dim

Mining Structures

Roles

Assemblies

Miscellaneous

Solution Explorer Team Explorer

Properties

Group12_Coursework Cube

Language

ProcessingMode Regular

ProcessingPriority 0

Source Group12_Coursework (Data

Visible True

Basic

Description

ID Group12_Coursework

Name Group12_Coursework

Configurable

Name

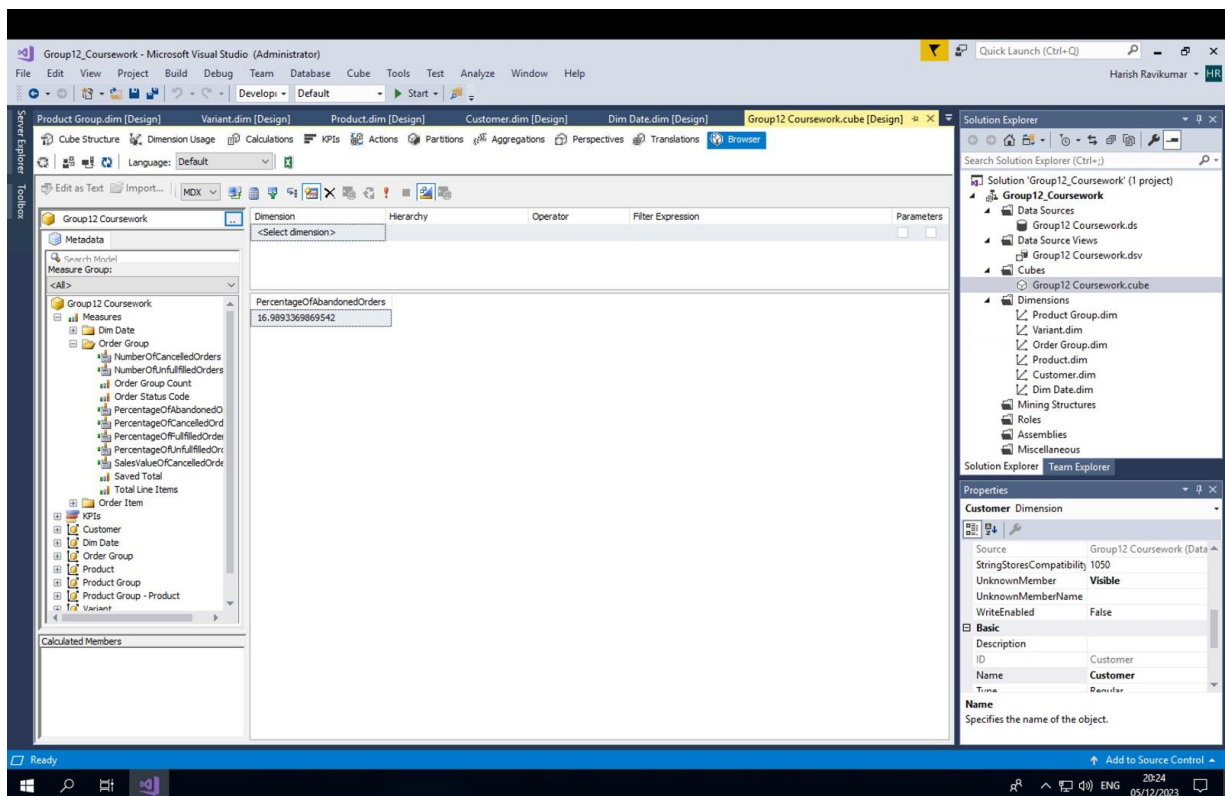
Specifies the name of the object.

Ready

Add to Source Control

22:27 05/12/2023

6. Percentage of abandoned basket orders



Group12_Coursework - Microsoft Visual Studio (Administrator)

File Edit View Project Build Debug Team Database Cube Tools Test Analyze Window Help

Develop - Default Start

Product Group.dim [Design] Variant.dim [Design] Product.dim [Design] Customer.dim [Design] Dim Date.dim [Design] Group12_Coursework.cube [Design]

Cube Structure Dimension Usage Calculations KPIs Actions Partitions Aggregations Perspectives Translations Browser

Language: Default

Group12_Coursework

Metadata

Measure Group:

<All>

Group12_Coursework

Measures

Dim Date

Order Group

NumberOfCancelledOrders

NumberOfUnfulfilledOrders

Order Group Count

Order Status Code

PercentageOfAbandonedOrders

PercentageOfCancelledOrders

PercentageOfUnfulfilledOrders

SalesValueOfCancelledOrders

Saved Total

Total Line Items

Order Item

KPIs

Customer

Dim Date

Order Group

Product

Product Group

Product Group - Product

Variant

Calculated Members

Dimension Hierarchy Operator Filter Expression Parameters

<Select dimension>

PercentageOfAbandonedOrders

16.9893369869542

Solution Explorer

Search Solution Explorer (Ctrl+Q)

Solution 'Group12_Coursework' (1 project)

Group12_Coursework

Data Sources

Group12_Coursework.ds

Data Source Views

Group12_Coursework.dsv

Cubes

Group12_Coursework.cube

Dimensions

Product Group.dim

Variant.dim

Order Group.dim

Product.dim

Customer.dim

Dim Date.dim

Mining Structures

Roles

Assemblies

Miscellaneous

Solution Explorer Team Explorer

Properties

Customer Dimension

Source Group12_Coursework (Data

StringStoresCompatibility 1050

UnknownMember Visible

UnknownMemberName

WriteEnabled False

Basic

Description

ID Customer

Name Customer

Name

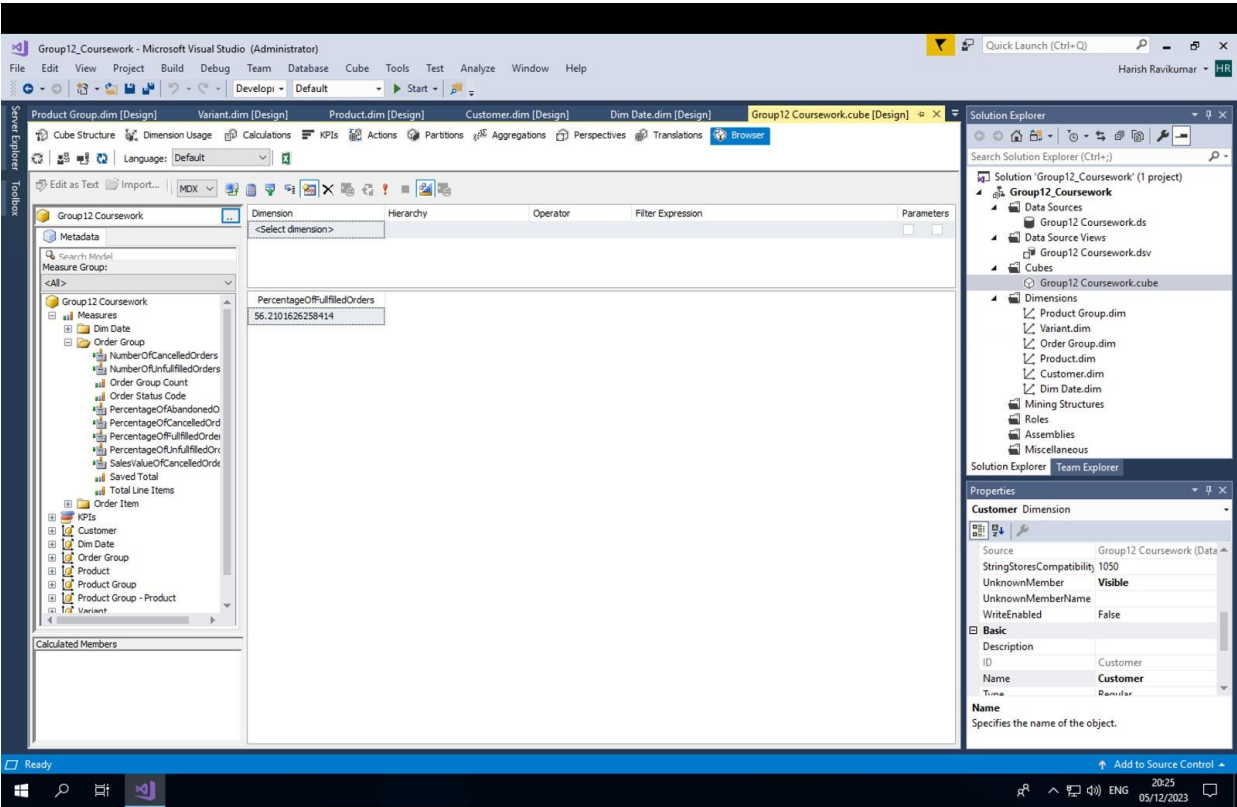
Specifies the name of the object.

Ready

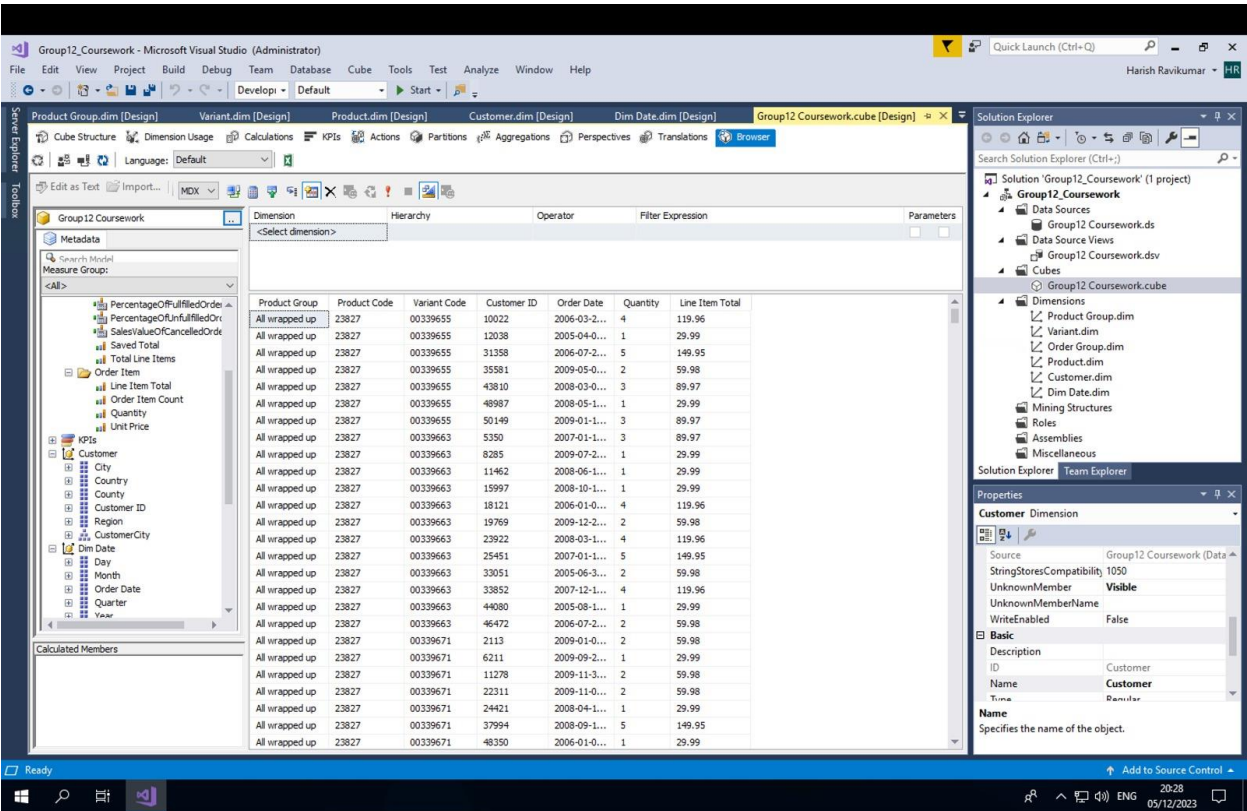
Add to Source Control

20:24 05/12/2023

7. Percentage of fulfilled orders



8. Sales and quantity sold by product, by customer, by day



9. Ordered stock quantity by product, by ordered day

Group12_Coursework - Microsoft Visual Studio (Administrator)

File Edit View Project Build Debug Team Database Cube Tools Test Analyze Window Help

Develop Default Start

Product Group.dim [Design] Variant.dim [Design] Product.dim [Design] Customer.dim [Design] Dim Date.dim [Design] Group12_Coursework.cube [Design]

Cube Structure Dimension Usage Calculations KPIs Actions Partitions Aggregations Perspectives Translations Browser

Language: Default

MDX

Dimension Hierarchy Operator Filter Expression Parameters

Metadata

Search Model

Measure Group:

<All>

PercentageOfFulfilledOrder

PercentageOfUnfulfilledOrder

SalesValueOfCancelledOrder

Saved Total

Total Line Items

Order Item

Line Item Total

Order Item Count

Quantity

Unit Price

KPIs

Customer

City

Country

County

Customer ID

Region

CustomerCity

Dim Date

Day

Month

Order Date

Quarter

Year

Calculated Members

Product Group	Product Code	Variant Code	Order Date	Quantity
All wrapped up	23827	00339655	2005-04-0...	1
All wrapped up	23827	00339655	2006-03-2...	4
All wrapped up	23827	00339655	2006-07-2...	5
All wrapped up	23827	00339655	2008-03-0...	3
All wrapped up	23827	00339655	2008-05-1...	1
All wrapped up	23827	00339655	2009-01-1...	3
All wrapped up	23827	00339655	2009-05-0...	2
All wrapped up	23827	00339663	2005-06-3...	2
All wrapped up	23827	00339663	2005-08-1...	1
All wrapped up	23827	00339663	2006-01-0...	4
All wrapped up	23827	00339663	2006-07-2...	2
All wrapped up	23827	00339663	2007-01-1...	5
All wrapped up	23827	00339663	2007-01-1...	3
All wrapped up	23827	00339663	2007-12-1...	4
All wrapped up	23827	00339663	2008-03-1...	4
All wrapped up	23827	00339663	2008-06-1...	1
All wrapped up	23827	00339663	2008-10-1...	1
All wrapped up	23827	00339663	2009-07-2...	1
All wrapped up	23827	00339663	2009-12-2...	2
All wrapped up	23827	00339671	2006-01-0...	1
All wrapped up	23827	00339671	2007-06-2...	3
All wrapped up	23827	00339671	2008-04-1...	1
All wrapped up	23827	00339671	2008-09-1...	5
All wrapped up	23827	00339671	2009-01-0...	2
All wrapped up	23827	00339671	2009-09-2...	1
All wrapped up	23827	00339671	2009-11-0...	2

Solution Explorer

Search Solution Explorer (Ctrl+Q)

Solution 'Group12_Coursework' (1 project)

- Group12_Coursework
 - Data Sources
 - Group12_Coursework.ds
 - Data Source Views
 - Group12_Coursework.dsv
 - Cubes
 - Group12_Coursework.cube
 - Dimensions
 - Product Group.dim
 - Variant.dim
 - Order Group.dim
 - Product.dim
 - Customer.dim
 - Dim Date.dim
 - Mining Structures
 - Roles
 - Assemblies
 - Miscellaneous

Properties

Customer Dimension

Source: Group12_Coursework (Data Source View)

StringStoresCompatibility: 1050

UnknownMember: Visible

UnknownMemberName

WriteEnabled: False

Basic

Description

ID: Customer

Name: Customer

Type: Dimension

Name

Specifies the name of the object.

Ready

Add to Source Control

20:29

05/12/2023