

MODULE 3: SSRS

1. Using the newly created DWH - SQL Server , generate different reports

a) Dashboard

b) Reports

Apply the filter on Dashboard and report level. Create meaningful reports

- Creating data set

Shared Dataset Properties

Query

Fields

Options

Filters

Parameters

Choose a data source and create a query.

Name:
HEALTH_DATASET

Data source:
DS_Anusha New...

Query type:
☒ Text ☐ Table ☐ Stored Procedure

Query:
SELECT * FROM TE_FA_HOSPITAL_DATA_SRC

Help OK Cancel

- Creating new report and creating dataset and data source

Data Source Properties

General
Credentials

Change name, type, and connection options.

Name:
DataSource1

☐ Embedded connection:

Type:
Microsoft SQL Server

Connection string:
Click here to type or paste a connection string

Edit...

☒ Use shared data source reference

DS_Anusha

Edit... New...

☐ Use single transaction when processing the queries

Help OK Cancel

Dataset Properties

Query
Fields
Options
Filters
Parameters

Choose a data source and create a query.

Name:
DS_Health

☒ Use a shared dataset.
☐ Use a dataset embedded in my report.

DS_BANK
DS_Store
EMPLOYEE_INFORMATION
HEALTH_DATASET
SALES_DATA

Help OK Cancel

Reports on Hospital Datasource

This data source provides details of patients and surgeries carried at different hospitals belong to different category, insurance pre authorized amount and claimed amount , also the mortality indicator

Report 1

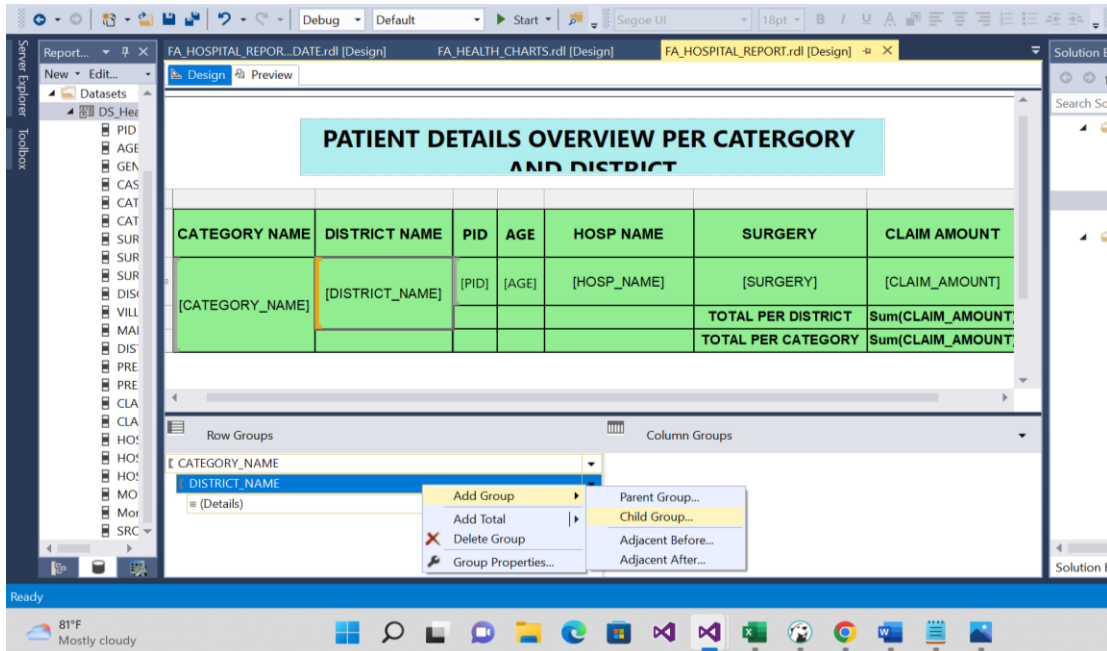
- Report on patients details group by district and category
- Creating parent and child group

The screenshot displays a report designer interface with a table titled "PATIENT DETAILS OVERVIEW PER CATERGORY AND DISTRICT". The table structure is as follows:

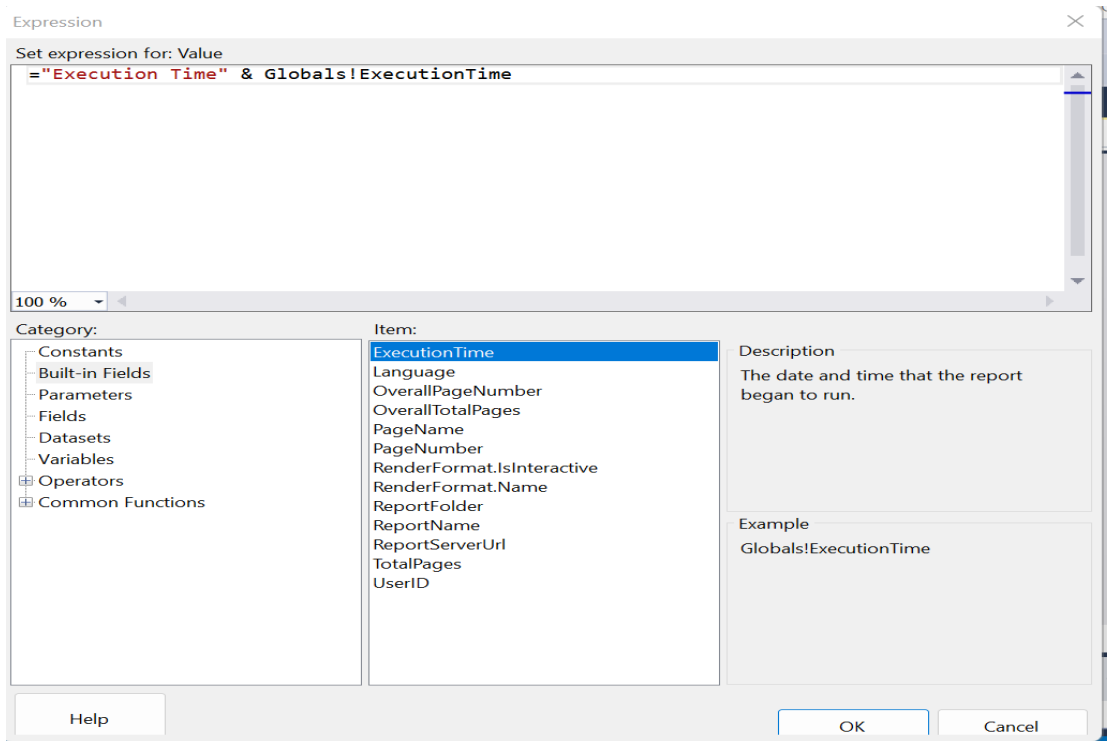
CATEGORY NAME	DISTRICT NAME	PID	AGE	HOSP NAME	SURGERY	CLAIM AMOUNT
[CATEGORY_NAME]	[DISTRICT_NAME]	[PID]	[AGE]	[HOSP_NAME]	[SURGERY]	[CLAIM_AMOUNT]
					TOTAL PER DISTRICT	Sum(CLAIM_AMOUNT)
					TOTAL PER CATEGORY	Sum(CLAIM_AMOUNT)

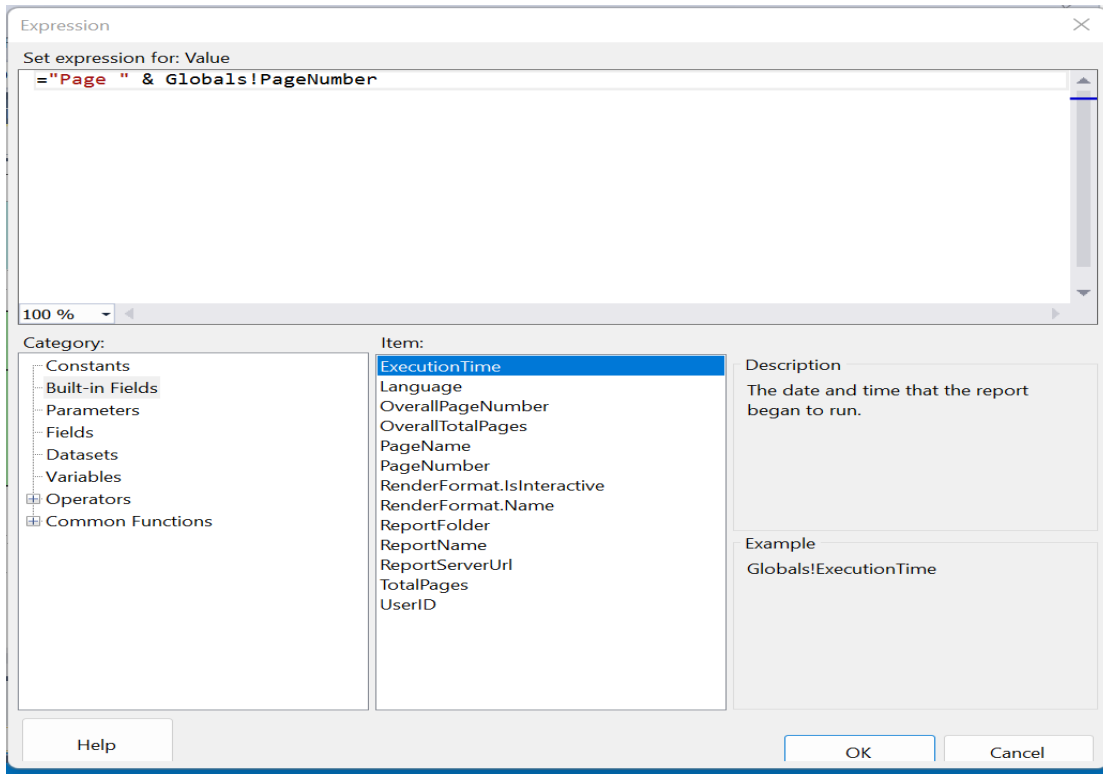
A context menu is open over the "DISTRICT_NAME" field in the first data row, showing the following options:

- Add Group
- Add Total
- Delete Group
- Group Properties...
- Parent Group...
- Child Group...
- Adjacent Before...
- Adjacent After...



- Expressions to display execution time and page number





- Designed report

FA_SALES_REPORT.rdl [Design] FA_HOSPITAL_REPORT...DATE.rdl [Design] FA_HOSPITAL_REPORT.rdl [Design]* X

Design Preview

PATIENT SURGERY DETAILS BASED ON CATERGORY AND DISTRICT WITH SUM OF CLAIM AMOUNT

CATEGORY NAME	DISTRICT NAME	PID	AGE	HOSP NAME	SURGERY	CLAIM AMOUNT
[CATEGORY_NAME]	[DISTRICT_NAME]	[PID]	[AGE]	[HOSP_NAME]	[SURGERY]	[CLAIM_AMOUNT]
					TOTAL PER DISTRICT	Sum(CLAIM_AMOUNT)
					TOTAL PER CATEGORY	Sum(CLAIM_AMOUNT)

«Expr» «Expr»

Row Groups

- CATEGORY_NAME
- DISTRICT_NAME
- (Details)

Column Groups

- Preview

FA_SALES_REPORT.rdl [Design] FA_HOSPITAL_REPOR...DATE.rdl [Design] FA_HOSPITAL_REPORT.rdl [Design] X						
Design Preview						
1 of 2 ? 100% Find Next						
PATIENT SURGERY DETAILS BASED ON CATERGORY AND DISTRICT WITH SUM OF CLAIM AMOUNT						
CATEGORY NAME	DISTRICT NAME	PID	AGE	HOSP NAME	SURGERY	CLAIM AMOUNT
	Anantapur	427	29	Nims Hospitals	Renal Angioplasty	40000
					TOTAL PER DISTRICT	40000
	Chittoor	594	8	Sri Venkateswara Institute Of Medical Sciences	Intracardiac Repair Of VSD	85000
					TOTAL PER DISTRICT	85000
		9	56	Karumuri Hospital	Coronary Balloon Angioplasty with stent (00.45)	40000
		10	49	Karumuri Hospital	Coronary Bypass Surgery	115846
		18	54	Karumuri Hospital	Coronary Bypass Surgery	108846

**PATIENT SURGERY DETAILS BASED ON CATERGORY AND DISTRICT
WITH SUM OF CLAIM AMOUNT**

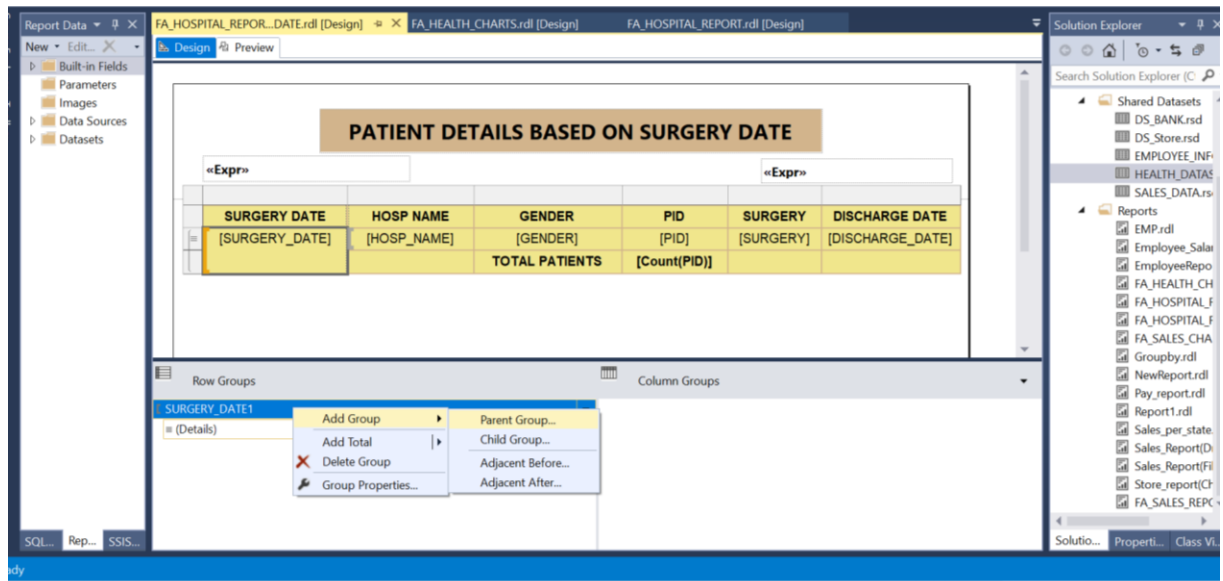


CATEGORY NAME	DISTRICT NAME	PID	AGE	HOSP NAME	SURGERY	CLAIM AMOUNT
CARDIAC AND CARDIOTHORACIC SURGERY	Anantapur	427	29	Nims Hospitals	Renal Angioplasty	40000
					TOTAL PER DISTRICT	40000
	Chittoor	594	8	Sri Venkateswara Institute Of Medical Sciences	Intracardiac Repair Of VSD	85000
					TOTAL PER DISTRICT	85000
	Guntur	9	56	Karumuri Hospital	Coronary Balloon Angioplasty with stent(00.45)	40000
		10	49	Karumuri Hospital	Coronary Bypass Surgery	115846
		18	54	Karumuri Hospital	Coronary Bypass Surgery	108846
		19	48	Karumuri Hospital	Coronary Bypass Surgery	110846
		24	56	Karumuri Hospital	Coronary Bypass Surgery	110000
		35	42	Karumuri Hospital	Coronary Bypass Surgery	115846
		36	49	Karumuri Hospital	Coronary Bypass Surgery	115846
		38	57	Karumuri Hospital	Coronary Bypass Surgery	105846
		41	69	Karumuri Hospital	Coronary Balloon Angioplasty with stent(00.45)	38000

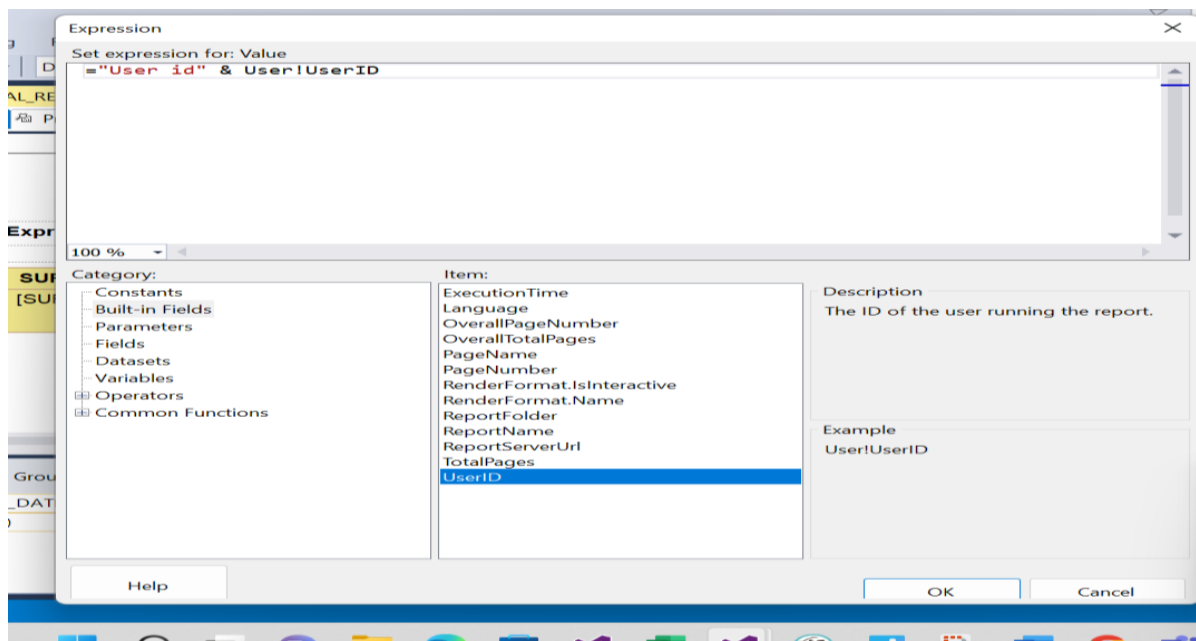
CARDIAC AND CARDIOTHORACIC SURGERY	Guntur	19	48	Karumuri Hospital	Coronary Bypass Surgery	110846
		24	56	Karumuri Hospital	Coronary Bypass Surgery	110000
		35	42	Karumuri Hospital	Coronary Bypass Surgery	115846
		36	49	Karumuri Hospital	Coronary Bypass Surgery	115846
		38	57	Karumuri Hospital	Coronary Bypass Surgery	105846
		41	69	Karumuri Hospital	Coronary Balloon Angioplasty with stent(00.45)	38000
		44	53	Karumuri Hospital	Coronary Balloon Angioplasty with stent(00.45)	40000
		46	54	Karumuri Hospital	Coronary Balloon Angioplasty with stent(00.45)	40000
		47	54	Karumuri Hospital	PTCA 1 Additional Stent (00.46)	40000

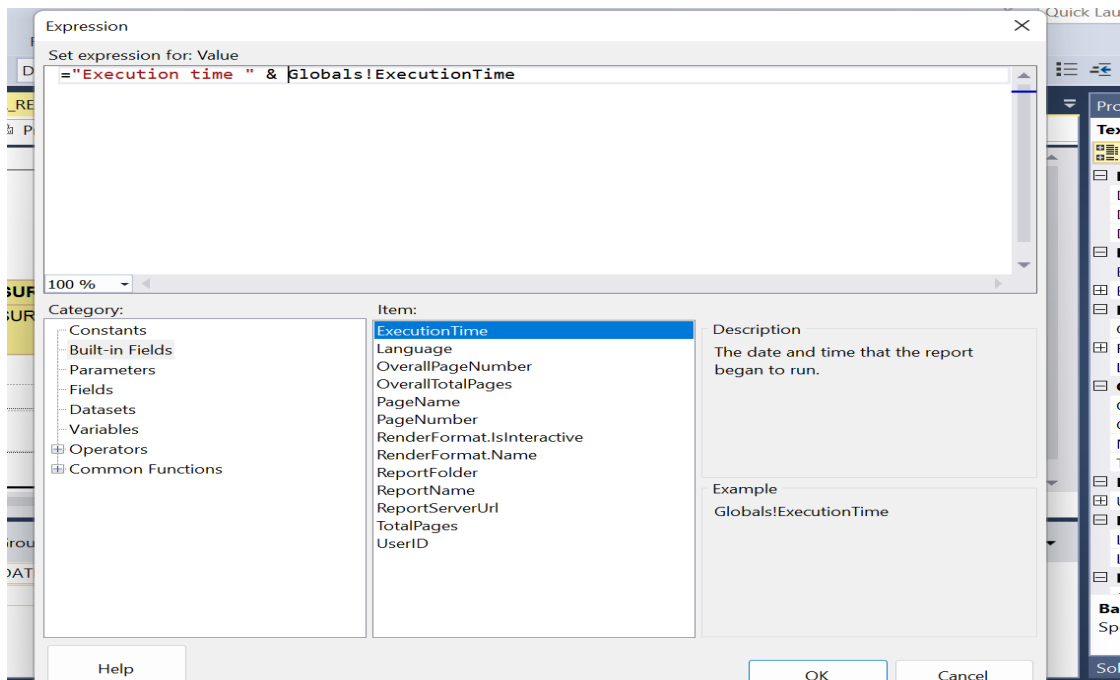
Report 2

- Patient details based on surgery date and to display number of patients for particular surgery date
- Drill down report for displaying total patients based on surgery date
- Row group

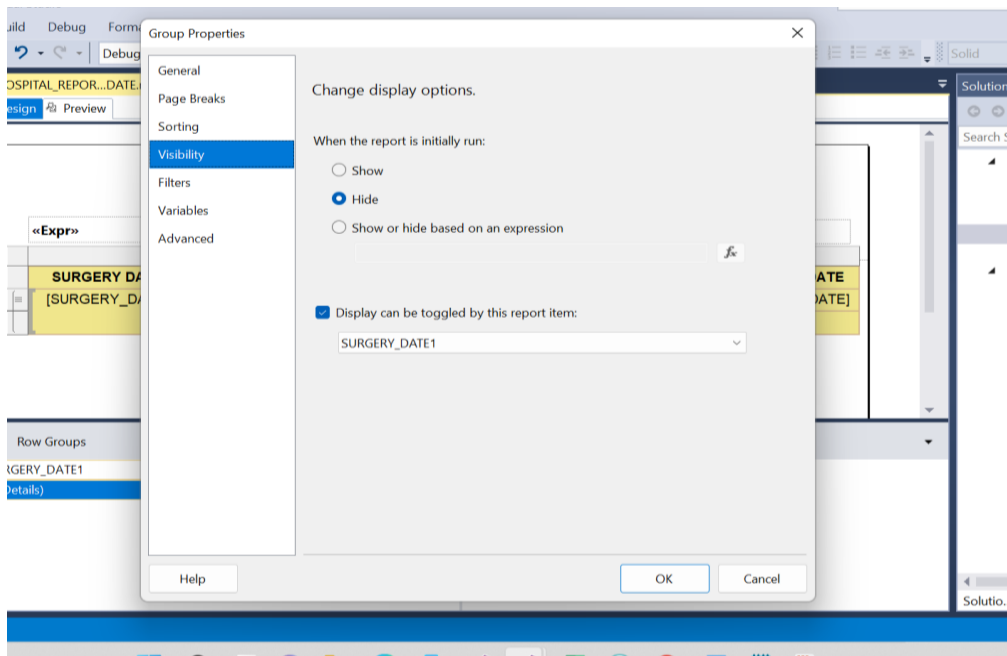


- Expressions





- Drill down report--- Right click group properties and select visibility hide



- Report design

FA_SALES_REPORT.rdl [Design] FA_HOSPITAL_REPOR...DATE.rdl [Design]* FA_HOSPITAL_REPORT.rdl [Design]

Design Preview

TOTAL PATIENTS AND SURGERY DETAILS BASED ON SURGERY DATE

«Expr» «Expr»

SURGERY DATE	HOSP NAME	GENDER	PID	SURGERY	DISCHARGE DATE
[SURGERY_DATE]	[HOSP_NAME]	[GENDER]	[PID]	[SURGERY]	[DISCHARGE_DATE]
		TOTAL PATIENTS	[Count(PID)]		

Row Groups Column Groups

[SURGERY_DATE1] (Details)

- Report preview

FA_SALES_REPORT.rdl [Design] FA_HOSPITAL_REPOR...DATE.rdl [Design]* FA_HOSPITAL_REPORT.rdl [Design]

Design Preview

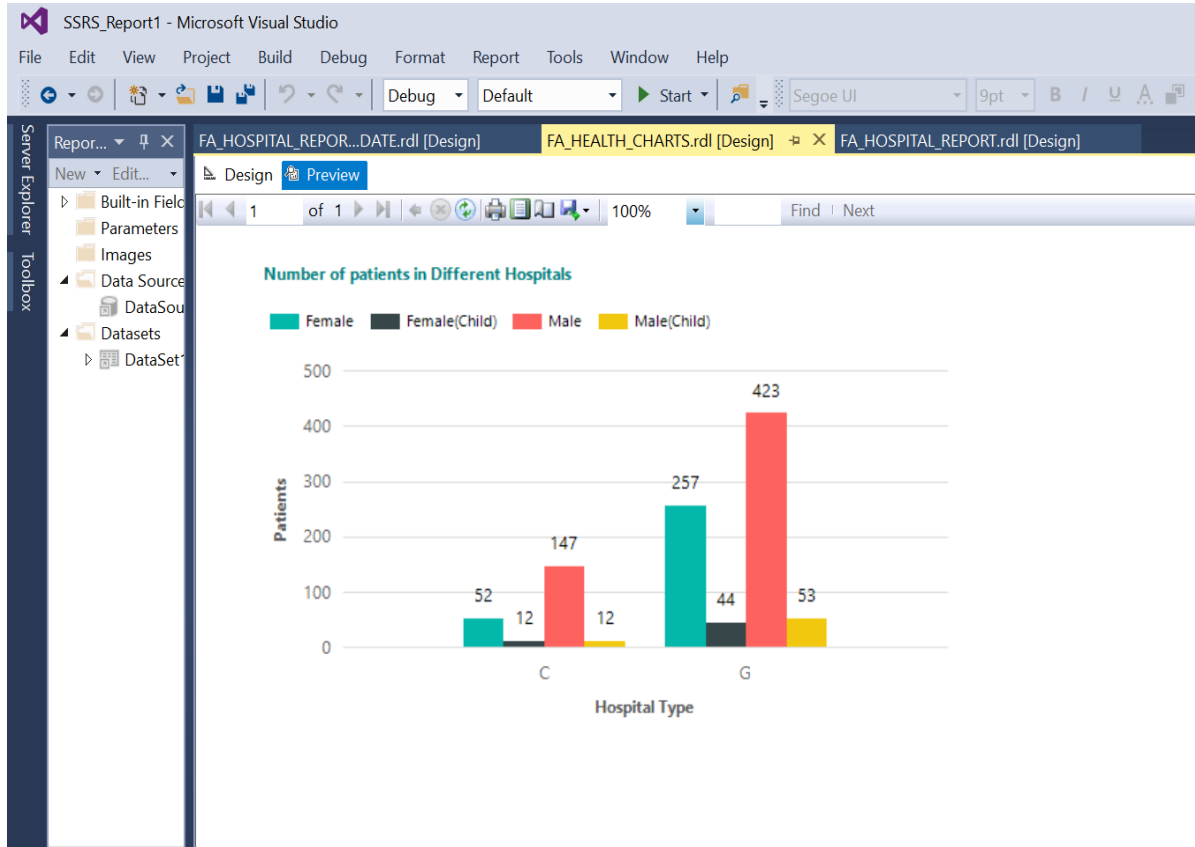
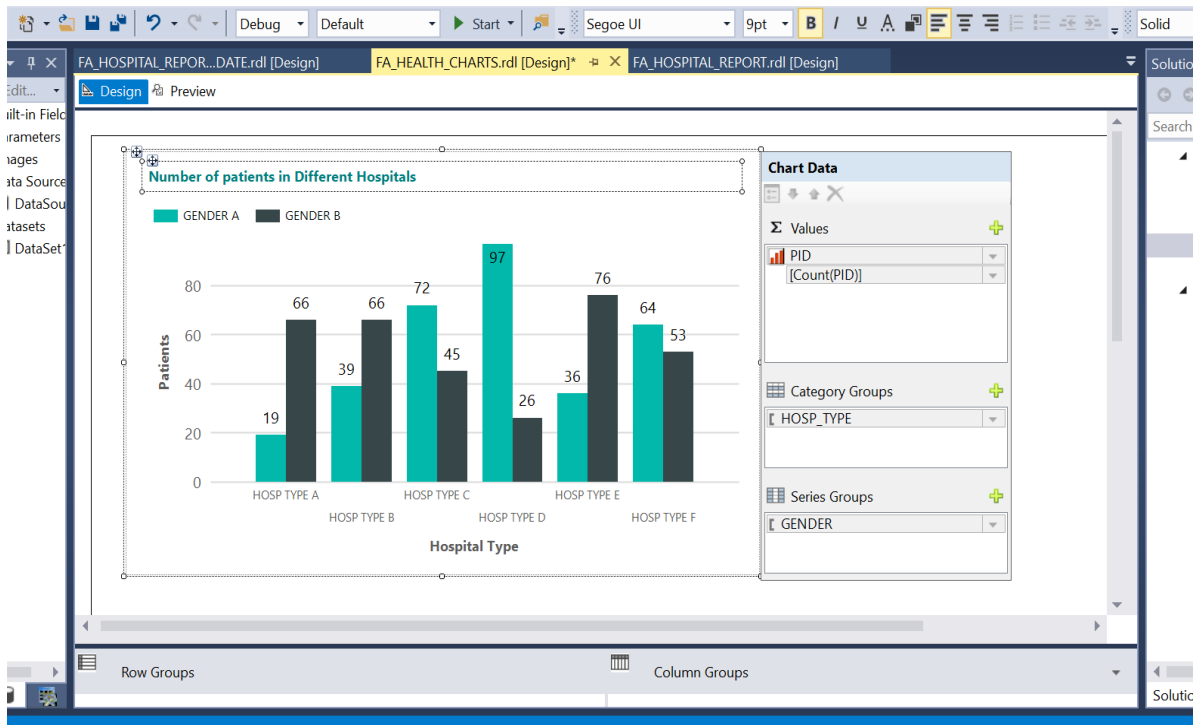
1 of 2 ? 100% Find Next

TOTAL PATIENTS AND SURGERY DETAILS BASED ON SURGERY DATE

Execution time : 10/12/2022 5:01:11 PM User id :CORPINDIA\EI13068

SURGERY DATE	HOSP NAME	GENDER	PID	SURGERY	DISCHARGE DATE
8/6/2013 12:00:00 AM		TOTAL PATIENTS	1		
8/8/2013 12:00:00 AM		TOTAL PATIENTS	1		
8/15/2013 12:00:00 AM		TOTAL PATIENTS	1		
8/24/2013 12:00:00 AM		TOTAL PATIENTS	1		
8/31/2013 12:00:00 AM	Rims Govt. General Hospital, Srikakulam	Male	5	Maintenance Hemodialysis For Crf	10/2/2013 12:00:00 AM
	Rims Govt. General Hospital, Srikakulam	Male	6	Maintenance Hemodialysis For Crf	10/2/2013 12:00:00 AM
	Govt General Hospital Kurnool	Male	7	Maintenance Hemodialysis For Crf	10/2/2013 12:00:00 AM
		TOTAL PATIENTS	3		

Chart on number of patients in different hospital types based grouping by gender

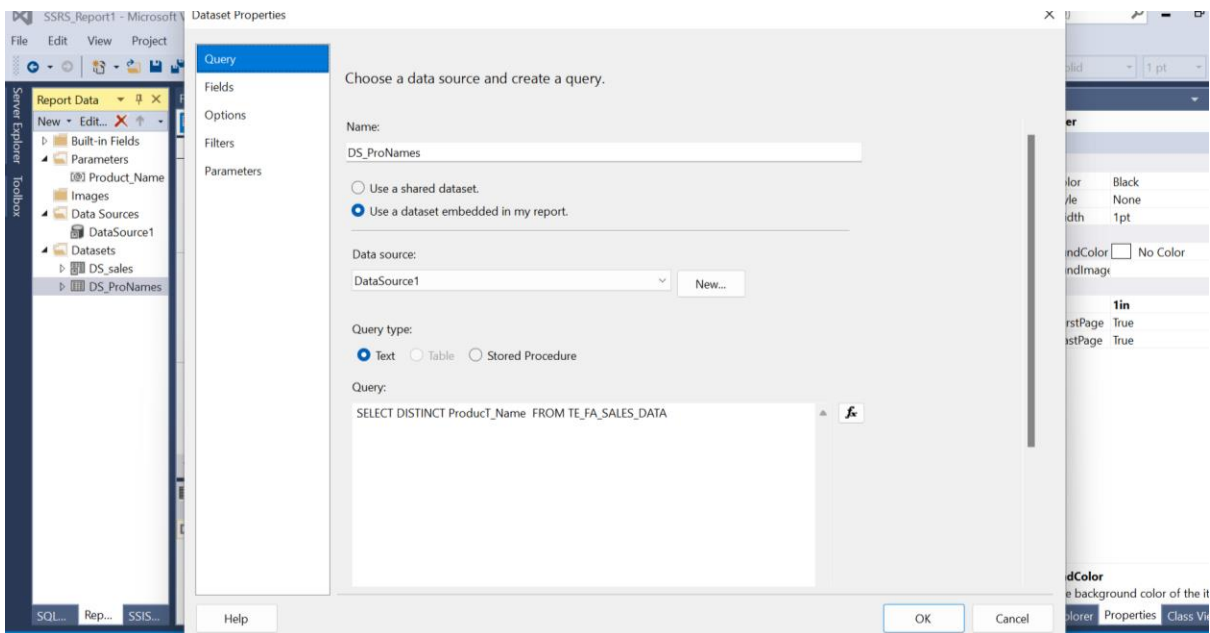


Report on Sales data source

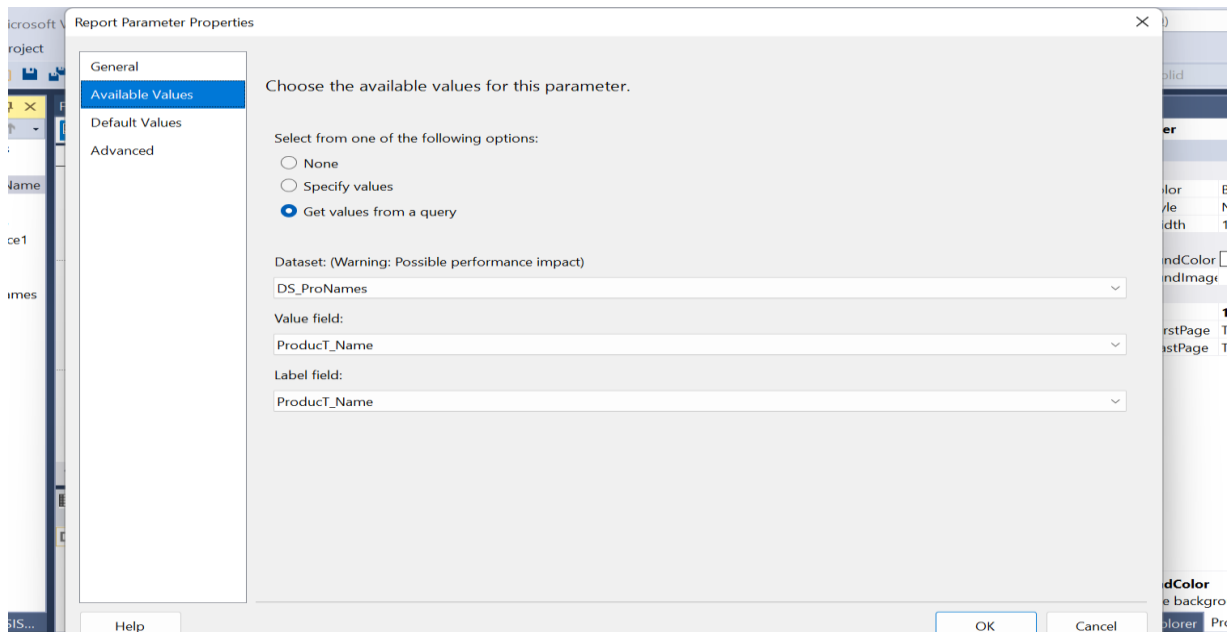
This data source gives you the customer purchased good belong to different category, orders made from different city, states, the delivery with different payment mode, different delivery type, order status etc

Report 1

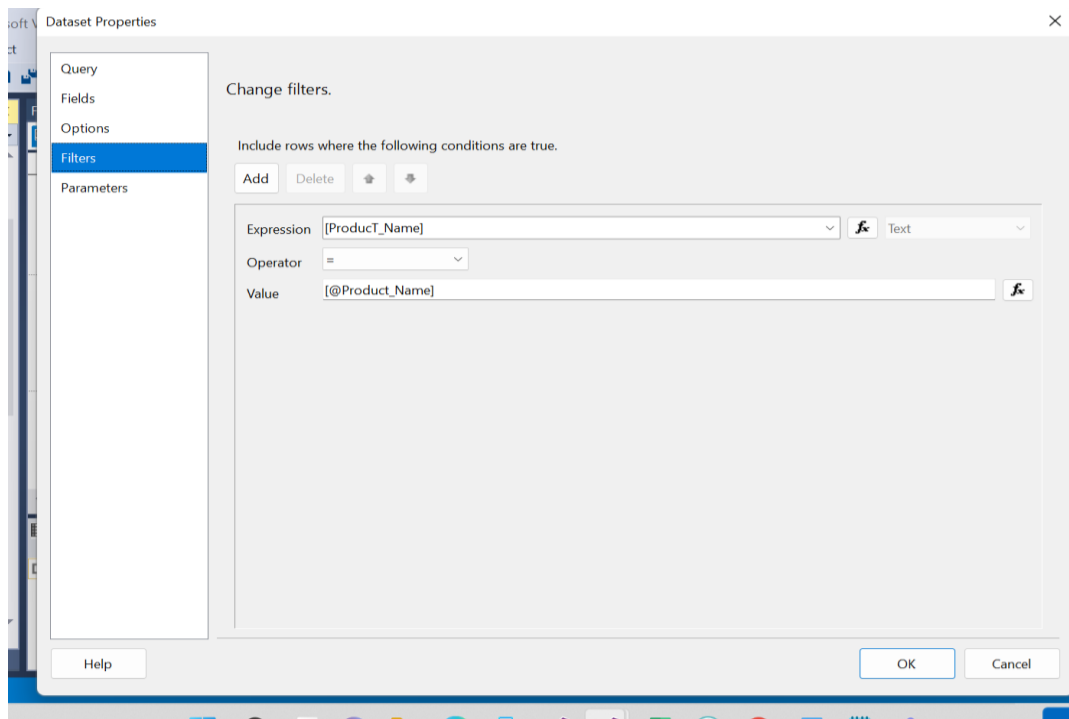
- Report on sales data based on product name grouped by order status and country
- New dataset to apply filter.



- Add parameter



- Apply filter



- Designed report

The screenshot shows the SSRS report designer interface. The report title is "TOTAL SALES BASED ON COUNTRY AND STATUS FOR SMART WATCH". The report body contains a table with the following structure:

Order Country	Order Status	Customer Id	Customer Fname	Category Name	Sales	Product Name
[Order_Country]	[Order_Status]	[Customer_Id]	[Customer_Fname]	[Category_Name]	[Sales]	[Product_Name]
				Total Sales	[Sum(Sales)]	

Below the table, there are two placeholder boxes labeled «Expr».

The Row Groups pane on the left shows the following hierarchy:

- Order_Country
- Order_Status
- (Details)

- Select product

The screenshot shows the Microsoft Visual Studio interface with the SSRS report designer. The "Select Product" dropdown menu is open, displaying a list of products. The product "Smart watch" is selected and highlighted in blue.

The list of products includes:

- Nike Men's Free 5.0+ Running Shoe
- Nike Men's Free TR 5.0 TB Training Shoe
- Nike Women's Tempo Shorts
- Perfect Fitness Perfect Rip Deck
- Polar FT4 Heart Rate Monitor
- Porcelain crafts
- Smart watch
- SOLE E25 Elliptical
- Summer dresses
- Team Golf New England Patriots Putter Grip
- Team Golf Pittsburgh Steelers Putter Grip
- Team Golf San Francisco Giants Putter Grip
- Team Golf St. Louis Cardinals Putter Grip
- Team Golf Tennessee Volunteers Putter Grip
- Team Golf Texas Longhorns Putter Grip
- Titleist Pro V1 High Numbers Personalized Golf Balls
- Titleist Pro V1x Golf Balls
- Titleist Pro V1x High Numbers Golf Balls
- Titleist Pro V1x High Numbers Personalized Golf Balls
- Total Gym 1400
- TYR Boys' Team Digi Jammer
- Under Armour Girls' Toddler Spine Surge Runni
- Under Armour Hustle Storm Medium Duffle Bag
- Under Armour Kids' Mercenary Slide
- Under Armour Men's Compression EV SL Slide
- Under Armour Men's Tech II T-Shirt
- Under Armour Women's Ignite PIP VI Slide
- Under Armour Women's Ignite Slide
- Under Armour Women's Micro G Skulpt Running S
- Web Camera

- Report

FA_SALES_REPORT.rdl [Design] FA_HOSPITAL_REPOR...DATE.rdl [Design] FA_HOSPITAL_REPORT.rdl [Design]						
Design Preview						
Select Product Smart watch						View Report
1 of 2 ? 100% Find Next						
TOTAL SALES BASED ON COUNTRY AND STATUS FOR SMART WATCH						
Order Country	Order Status	Customer Id	Customer Fname	Category Name	Sales	Product Name
Afganist	COMPLETE	19442	Lavinia	Sporting Goods	327.75	Smart watch
		19440	Jennifer	Sporting Goods	327.75	Smart watch
				Total Sales	655.50	
	PENDING PA YMENT	19441	Yetta	Sporting Goods	327.75	Smart watch
				Total Sales	327.75	
Australia	CANCELED	19488	Kimberly	Sporting Goods	327.75	Smart watch
		19470	Lucy	Sporting Goods	327.75	Smart watch
		19454	Karina	Sporting Goods	327.75	Smart watch
		19439	Mara	Sporting Goods	327.75	Smart watch
				Total Sales	1311.00	
	CLOSED	19418	Beverly	Sporting Goods	327.75	Smart watch

TOTAL SALES BASED ON COUNTRY AND STATUS FOR SMART WATCH



Order Country	Order Status	Customer Id	Customer Name	Category Name	Sales	Product Name
Afghanistan	COMPLETE	19442	Lavinia	Sporting Goods	327.75	Smart watch
		19440	Jennifer	Sporting Goods	327.75	Smart watch
				Total Sales	655.50	
	PENDING_PAYMENT	19441	Yetta	Sporting Goods	327.75	Smart watch
				Total Sales	327.75	
Australia	CANCELED	19488	Kimberly	Sporting Goods	327.75	Smart watch
		19470	Lucy	Sporting Goods	327.75	Smart watch
		19454	Karina	Sporting Goods	327.75	Smart watch
		19439	Mara	Sporting Goods	327.75	Smart watch
				Total Sales	1311.00	
	CLOSED	19418	Beverly	Sporting Goods	327.75	Smart watch
		19370	Xerxes	Sporting Goods	327.75	Smart watch
		19356	Emma	Sporting Goods	327.75	Smart watch
				Total Sales	983.25	
	COMPLETE	19490	Tana	Sporting Goods	327.75	Smart watch
		19468	Roary	Sporting Goods	327.75	Smart watch
		19456	Amy	Sporting Goods	327.75	Smart watch
		19455	Ivory	Sporting Goods	327.75	Smart watch
		19449	Kay	Sporting Goods	327.75	Smart watch

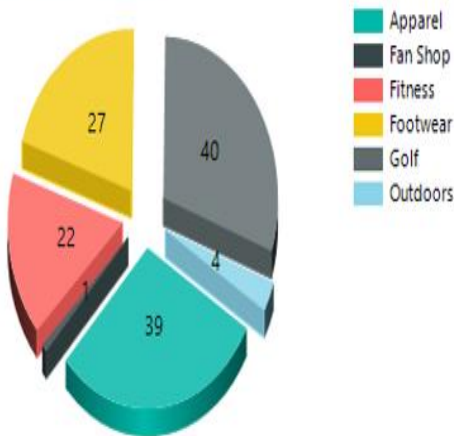
		19356	Emma	Sporting Goods	327.75	Smart watch
				Total Sales	983.25	
	COMPLETE	19490	Tana	Sporting Goods	327.75	Smart watch
		19468	Roary	Sporting Goods	327.75	Smart watch
		19456	Amy	Sporting Goods	327.75	Smart watch
		19455	Ivory	Sporting Goods	327.75	Smart watch
		19449	Kay	Sporting Goods	327.75	Smart watch
		19414	Hadley	Sporting Goods	327.75	Smart watch
		19413	Renee	Sporting Goods	327.75	Smart watch
		19411	Jamekah	Sporting Goods	327.75	Smart watch
		19410	Cherokee	Sporting Goods	327.75	Smart watch
		19380	Sopoline	Sporting Goods	327.75	Smart watch
		19358	Genevieve	Sporting Goods	327.75	Smart watch
		19357	Tara	Sporting Goods	327.75	Smart watch
				Total Sales	3933.00	
	PENDING	19471	Yeo	Sporting Goods	327.75	Smart watch
		19467	Quail	Sporting Goods	327.75	Smart watch
		19437	Cally	Sporting Goods	327.75	Smart watch

Dashboard on Sales Data

Sales based on Delivery status in Each country



Pending orders in each department



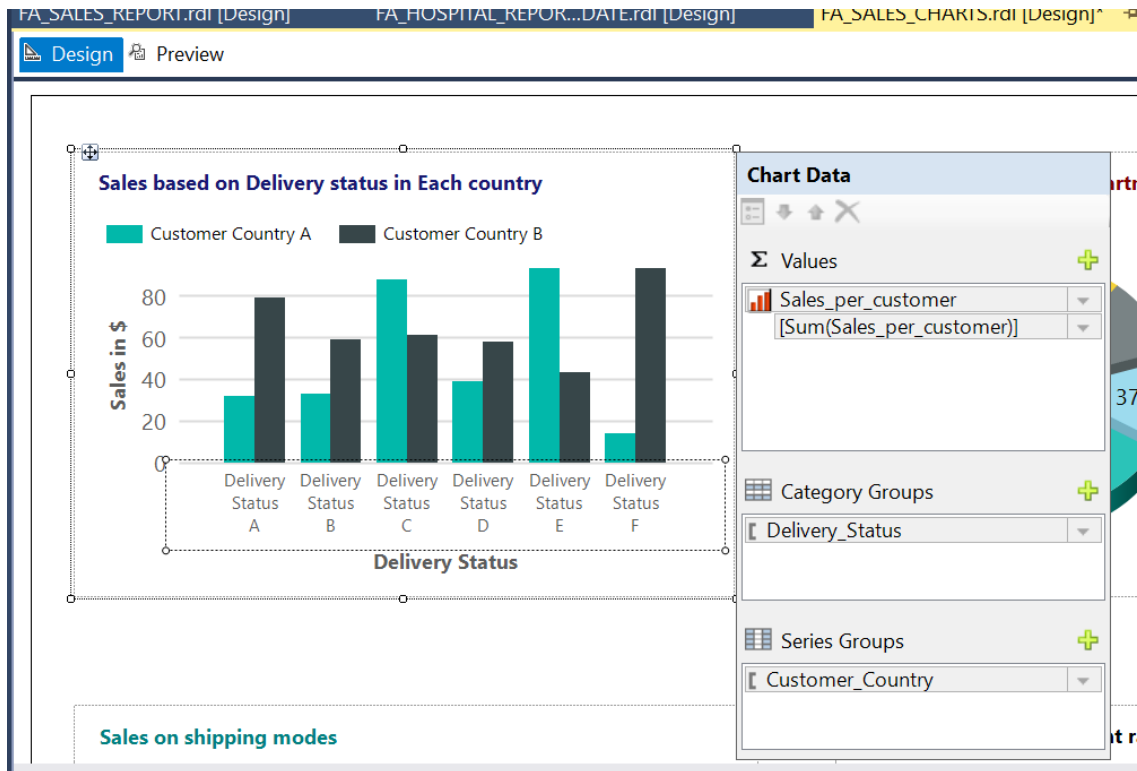
Sales on shipping modes



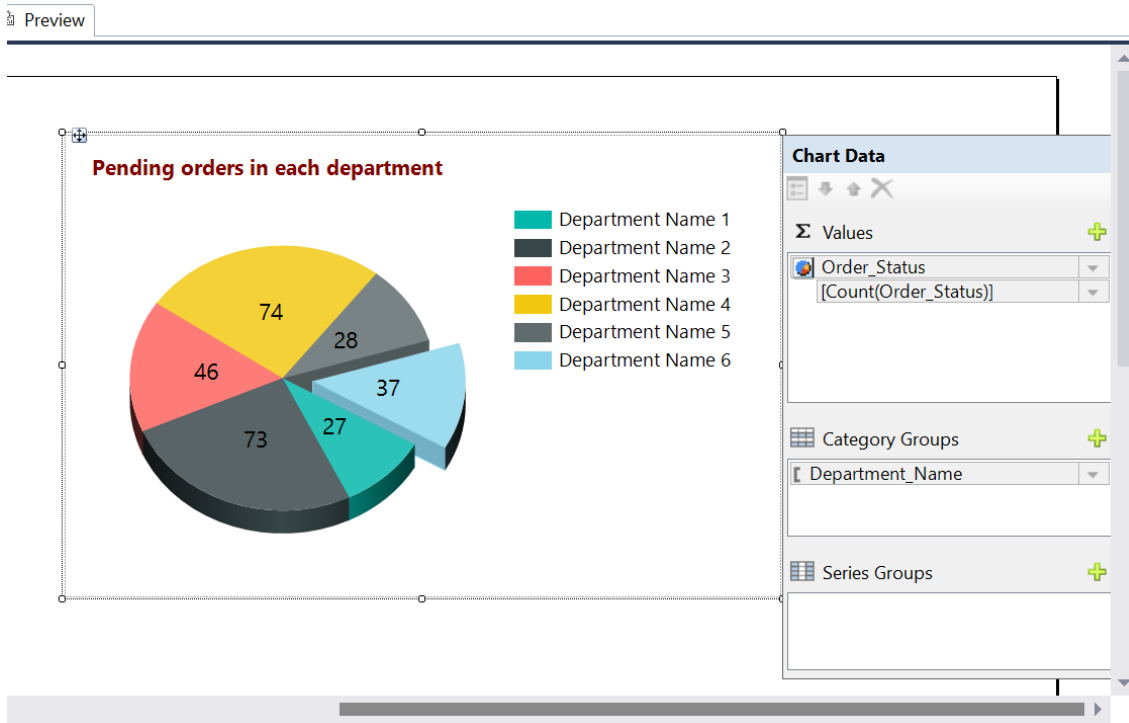
Product price and discount rate in each market



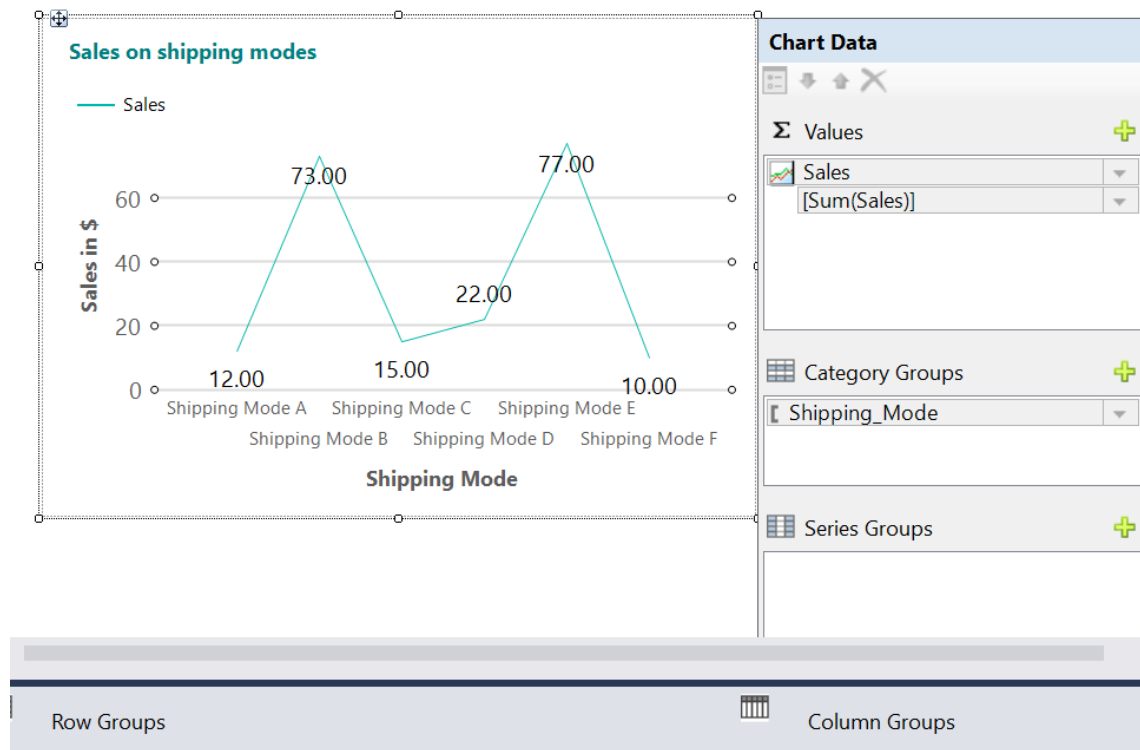
Column Chart



Pie Chart



Line Chart



Bar Chart

