

## 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

## Report 1

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

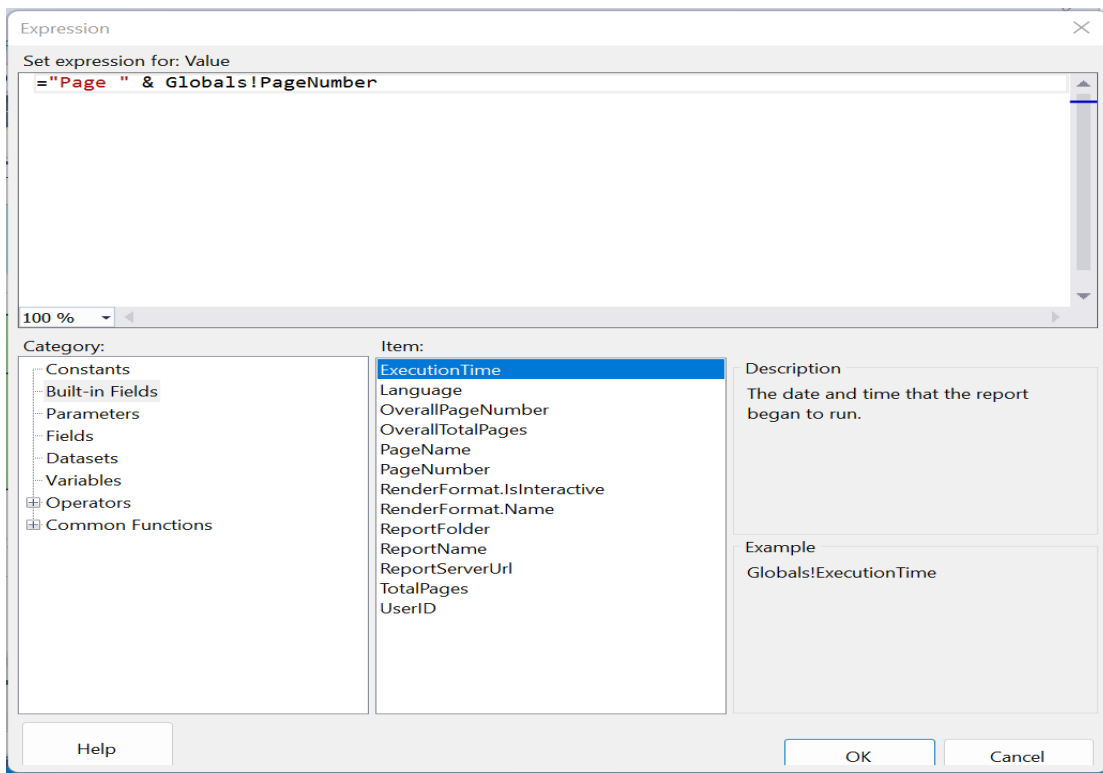
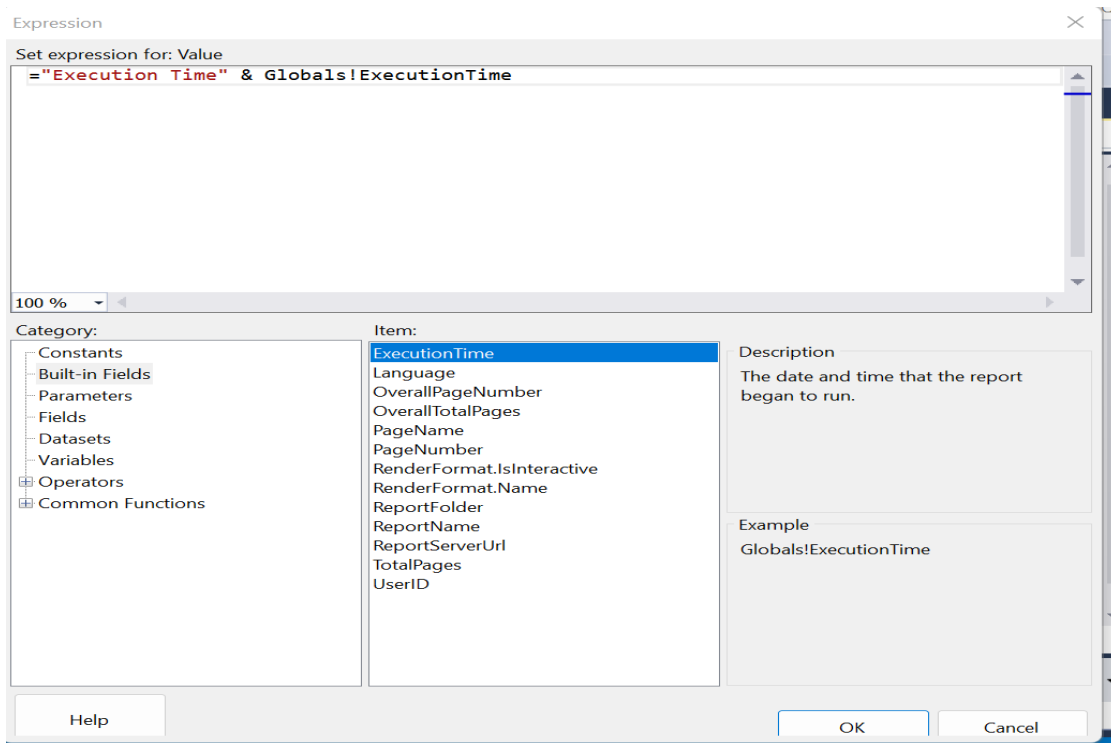
The screenshot shows the SSRS Design View for a report titled "PATIENT DETAILS OVERVIEW PER CATERGORY AND DISTRICT". The report body contains a table with the following structure:

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)

Below the table, the Row Groups pane shows a hierarchy: CATEGORY\_NAME (Parent Group) and DISTRICT\_NAME (Child Group, labeled as (Details)). A context menu is open over the DISTRICT\_NAME group, showing options: Add Group, Add Total, Delete Group, Group Properties, Parent Group..., Child Group..., Adjacent Before..., and Adjacent After....

This screenshot shows the same SSRS report after creating a parent and child group. The table structure remains the same, but the Row Groups pane now shows a more detailed hierarchy: CATEGORY\_NAME (Parent Group), DISTRICT\_NAME (Child Group), and (Details) (Child Group). The context menu is still open over the DISTRICT\_NAME group, showing the same options as in the previous screenshot.

- Expressions on reports



- Designed report

FA\_HOSPITAL\_REPOR...DATE.rdl [Design]FA\_HEALTH\_CHARTS.rdl [Design]FA\_HOSPITAL\_REPORT.rdl [Design]FA\_SALES\_REPORT.rdl [Design]

DesignPreview

PATIENT DETAILS OVERVIEW PER CATERGORY AND DISTRICT

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

Column Groups

CATEGORY\_NAME

[ DISTRICT\_NAME

(Details)

- Preview

FA\_HOSPITAL\_REPOR...DATE.rdl [Design]FA\_HEALTH\_CHARTS.rdl [Design]FA\_HOSPITAL\_REPORT.rdl [Design]

DesignPreview

1 of 8 ?100%FindNext

PATIENT DETAILS OVERVIEW PER CATERGORY AND DISTRICT

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 DETAILS OVERVIEW PER CATERGORY AND DISTRICT

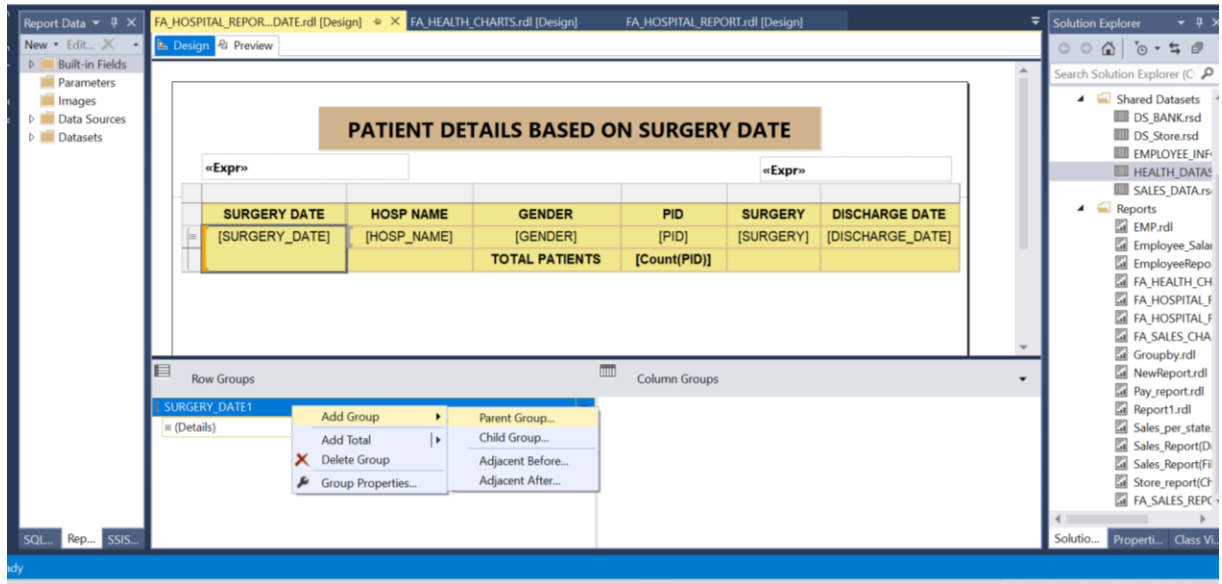


CATEGORY NAME	DISTRICT NAME	PID	AGE	HOSP NAME	SURGERY	CLAIM AMOUNT
CARDIAC AND CARDIOTHORACIC SURGERY	Anantapur	427	29	Nims Hospitals	Renal Angioplasty	40000
					TOTAL PER DISTRICT	40000
	Chittoor	594	8	Sri Venkateswara Institute Of Medical Sciences	Intracardiac Repair Of VSD	85000
					TOTAL PER DISTRICT	85000
	Guntur	9	56	Karumuri Hospital	Coronary Balloon Angioplasty with <u>stent</u> (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 <u>stent</u> (00.45)	38000

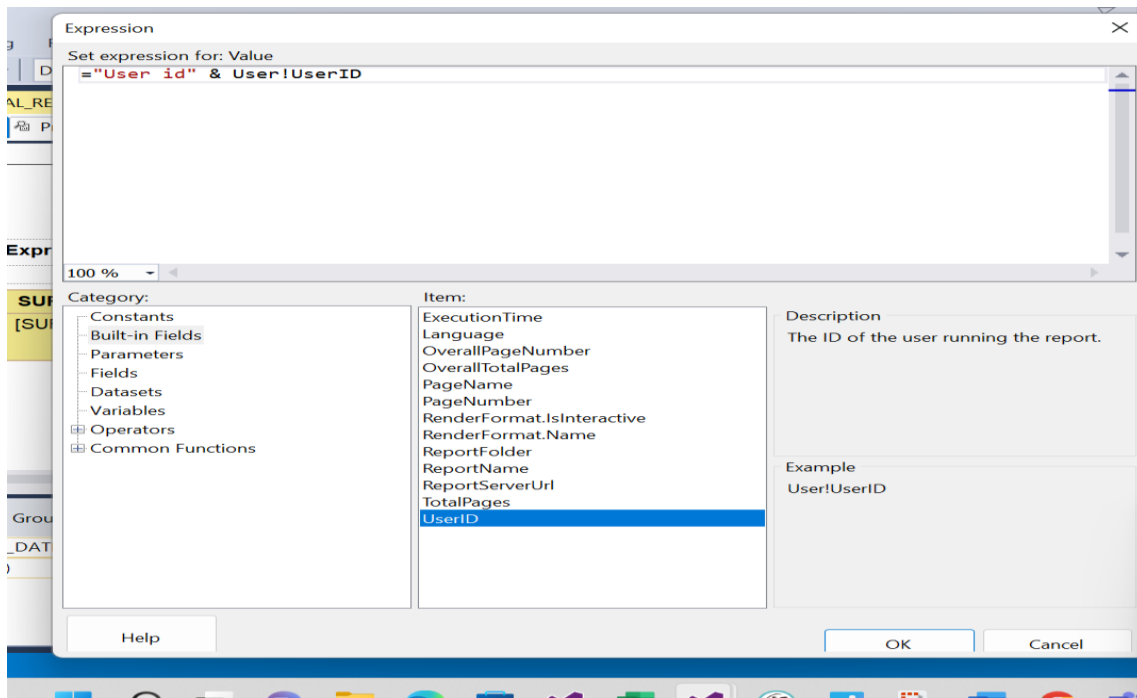
		44	53	Karumuri Hospital	Coronary Balloon Angioplasty with <u>stent</u> (00.45)	40000
		46	54	Karumuri Hospital	Coronary Balloon Angioplasty with <u>stent</u> (00.45)	40000
		47	54	Karumuri Hospital	PTCA 1 Additional Stent (00.46)	40000

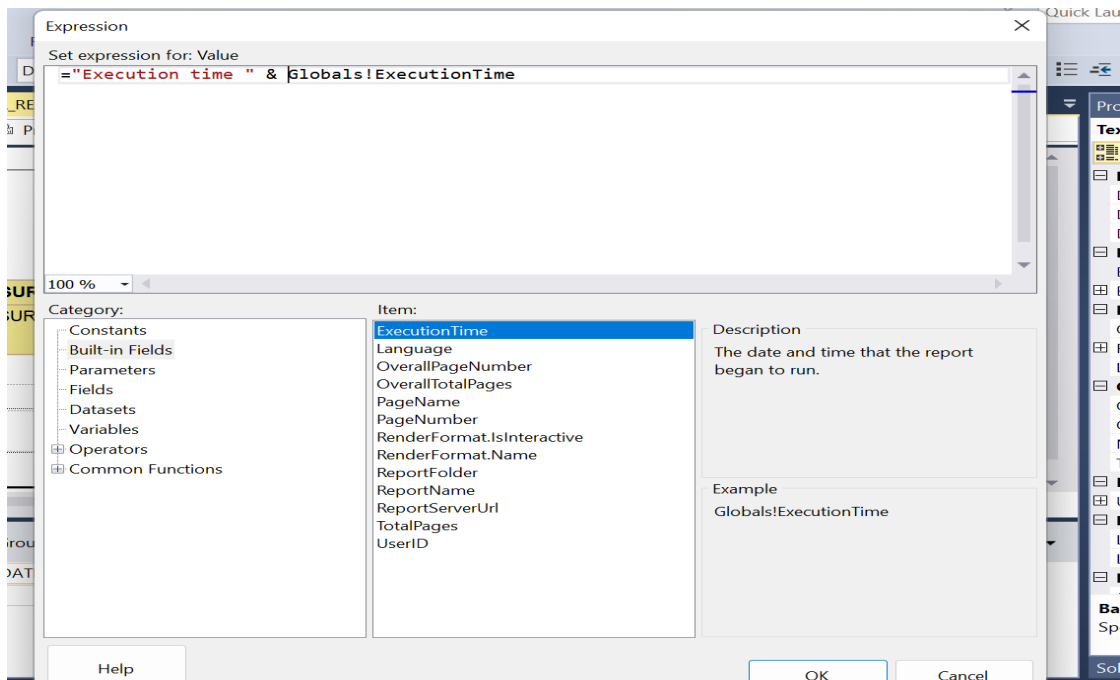
## Report 2

- Patient details based on surgery date
- Drill down report
- Row group

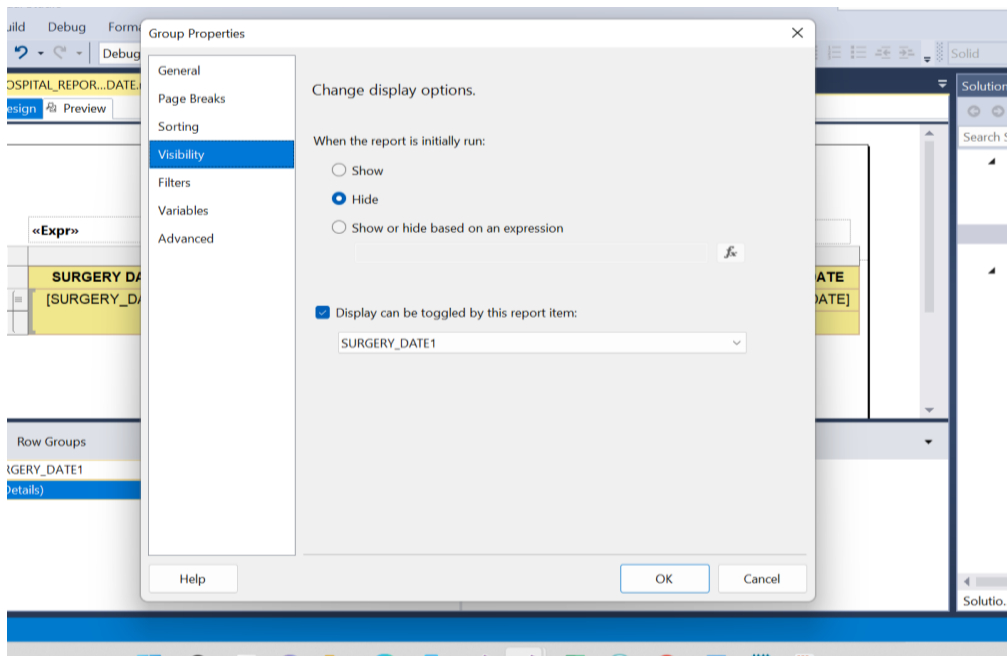


- Expressions



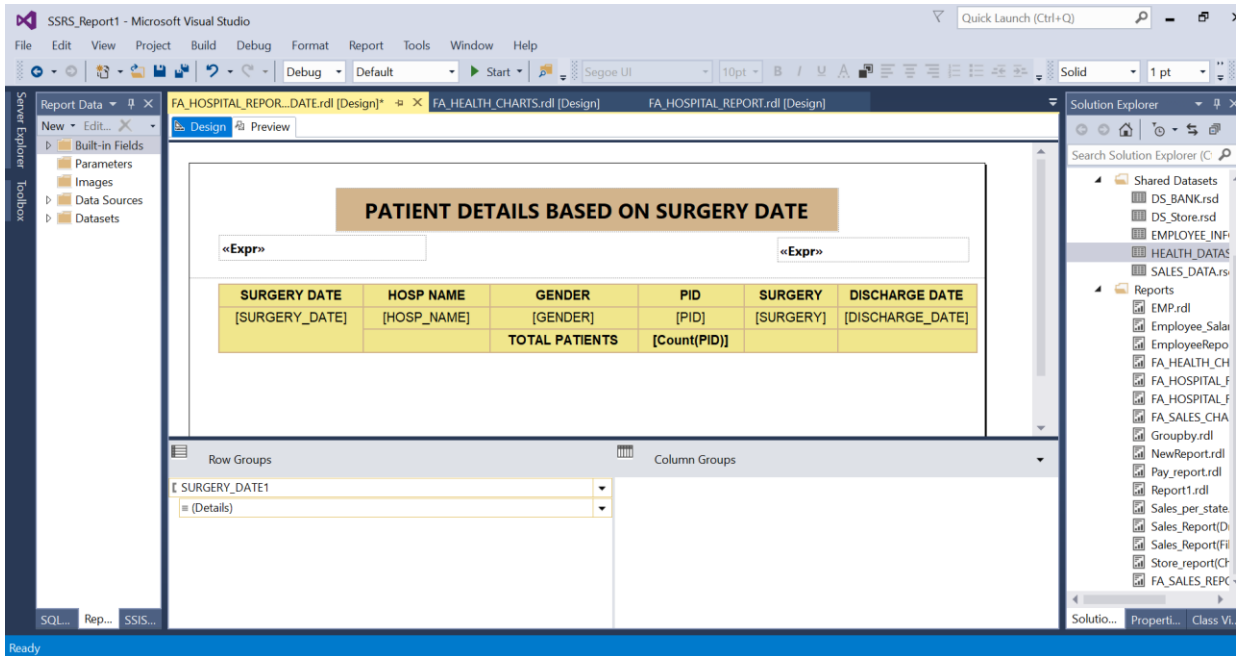


- Drill down report--- Right click group properties and select visibility hide

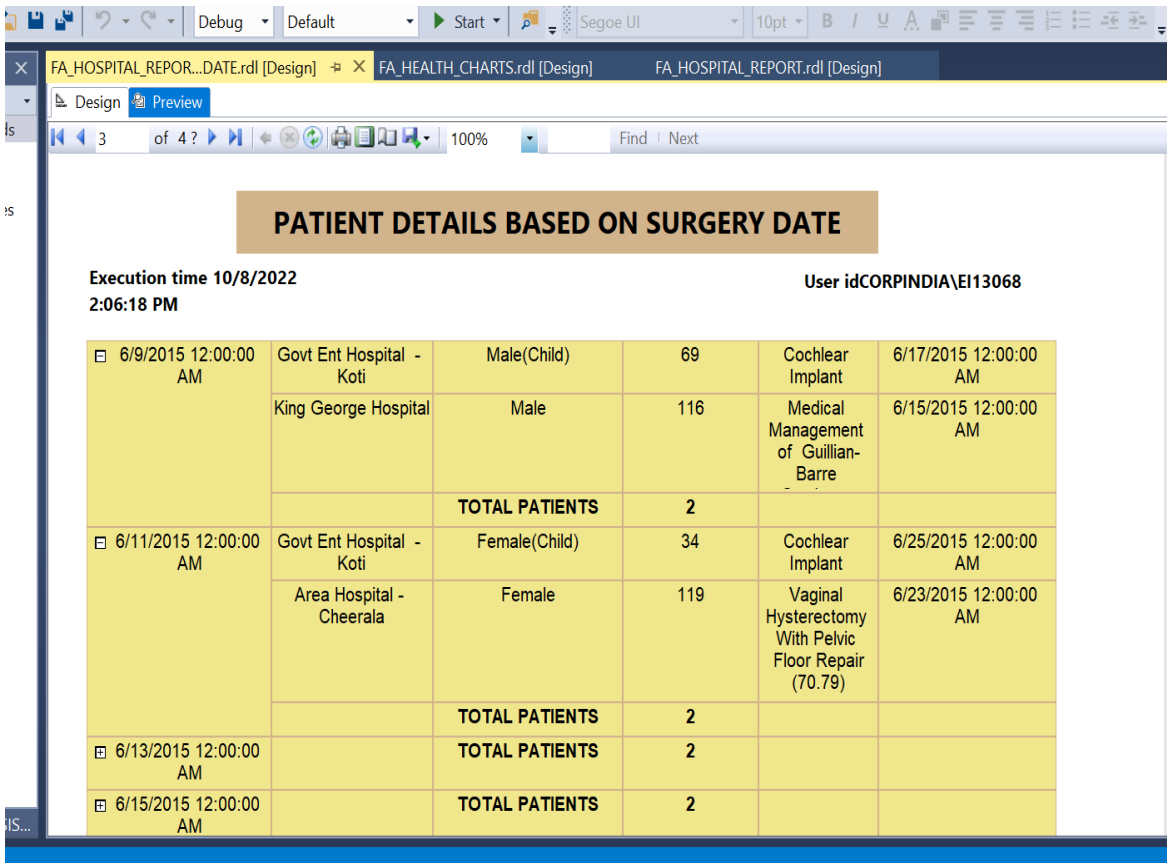




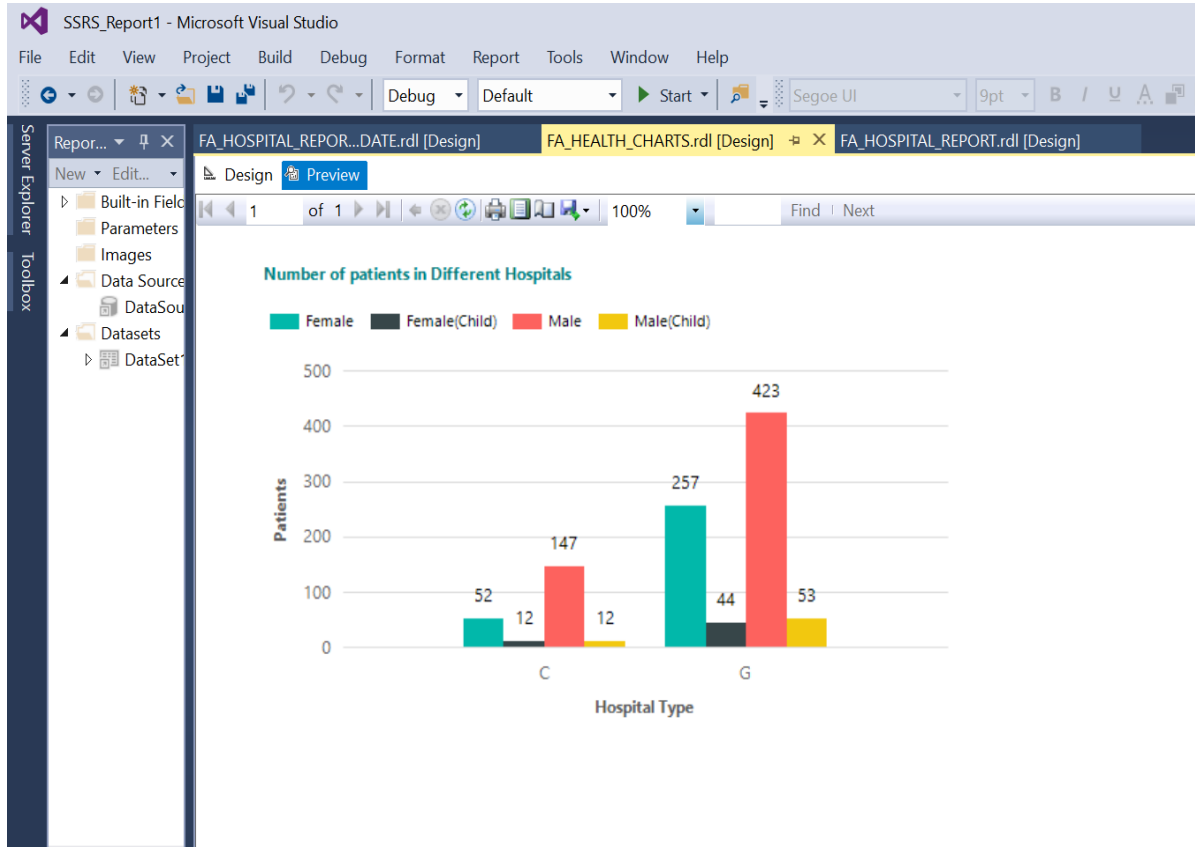
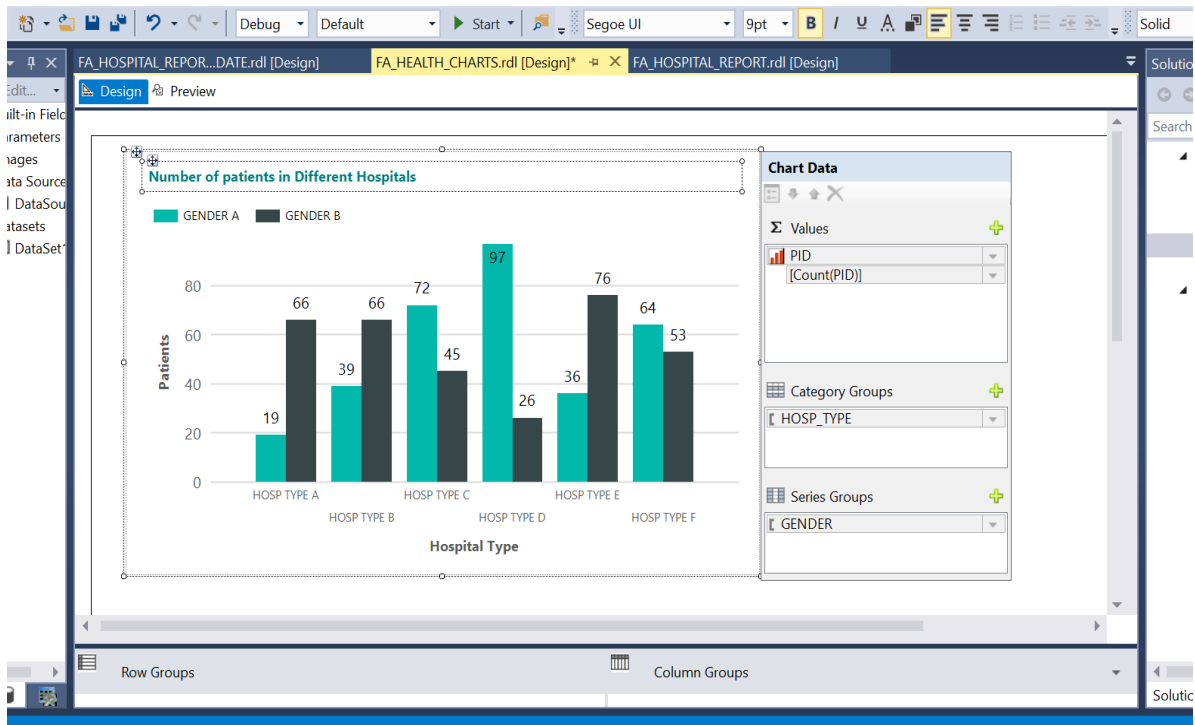
- Report design



- Report preview



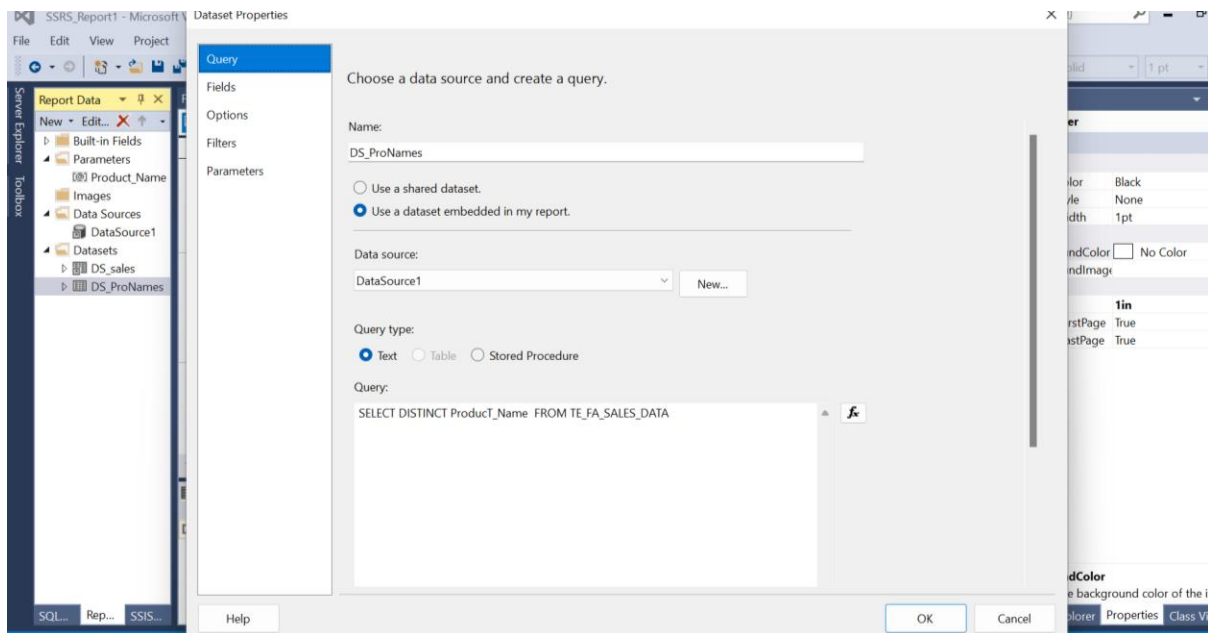
## Chart on number of patients in different hospital types based grouping by gender



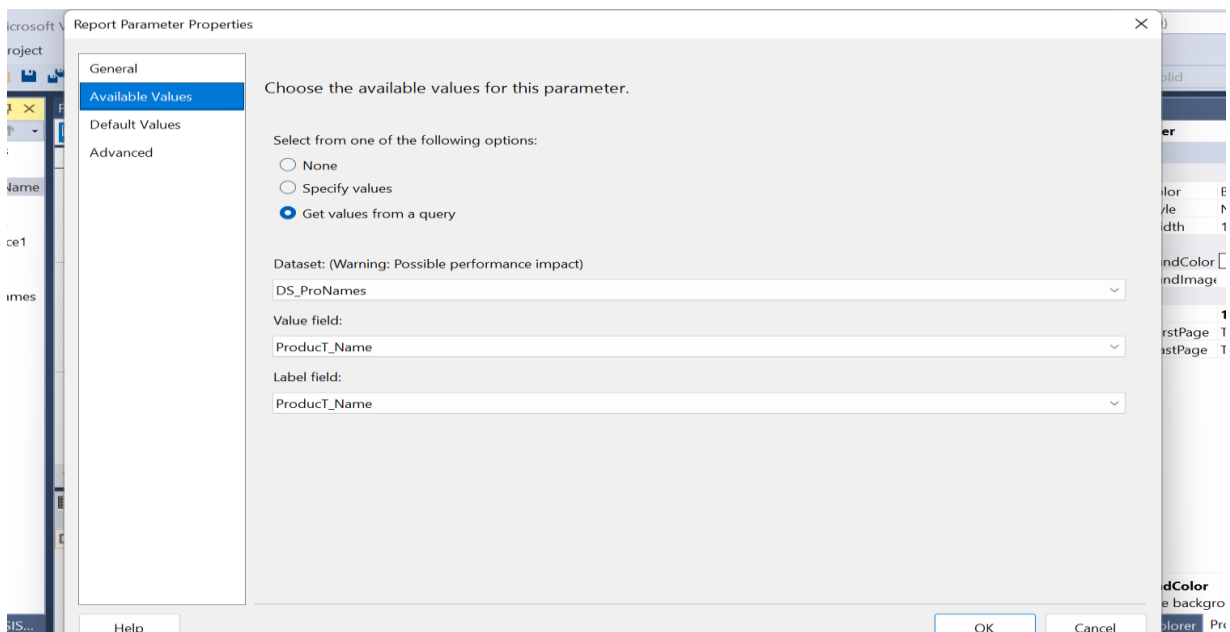
# Report on Sales data source

## Report 1

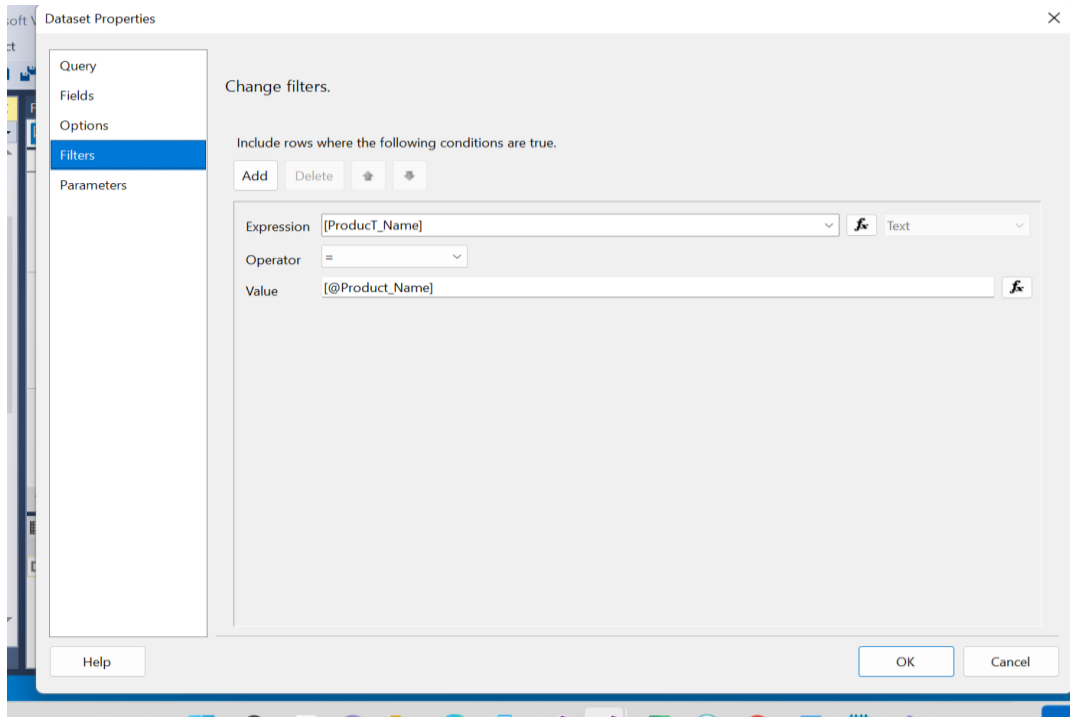
- Report on sales data based on product name grouped by order status and country
- New dataset to apply filter.



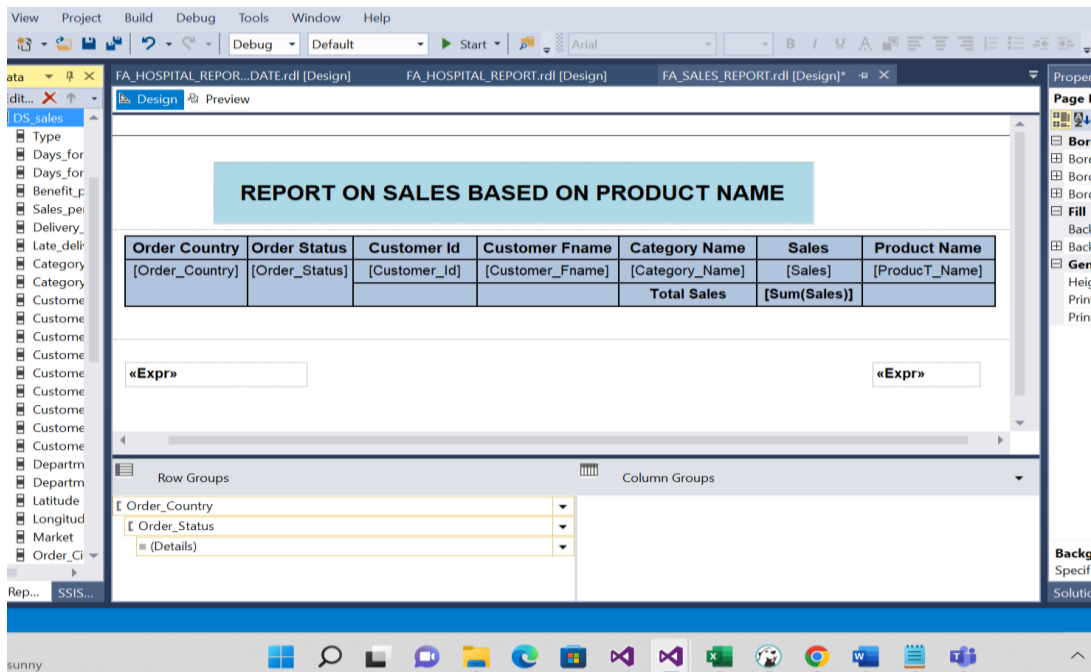
- Add parameter



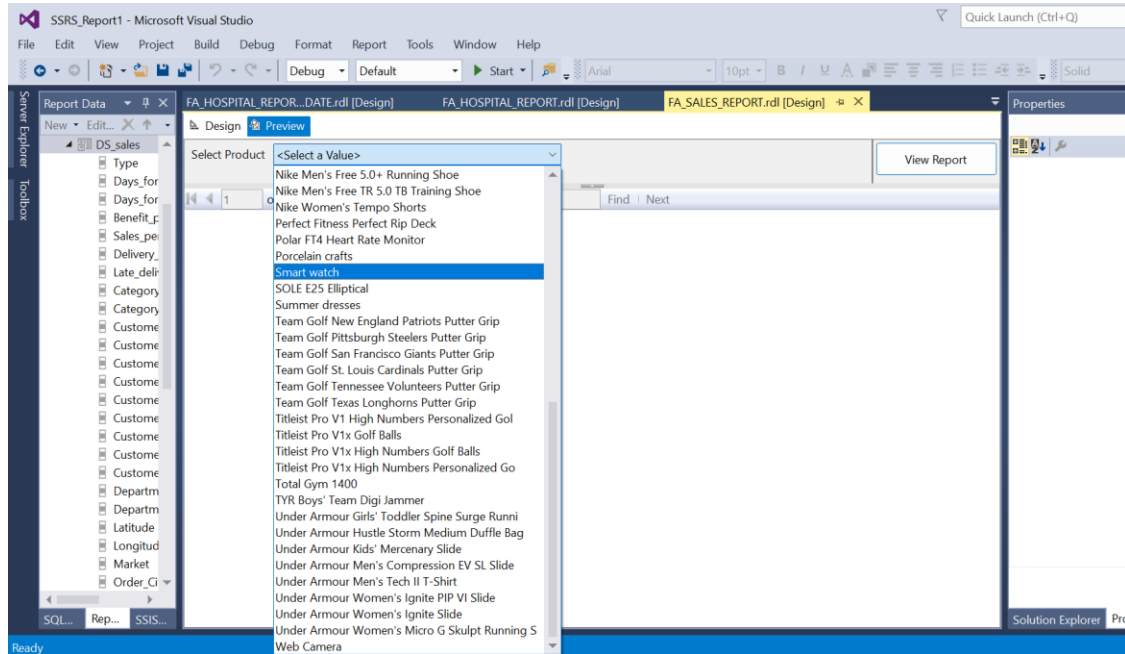
- Apply filter



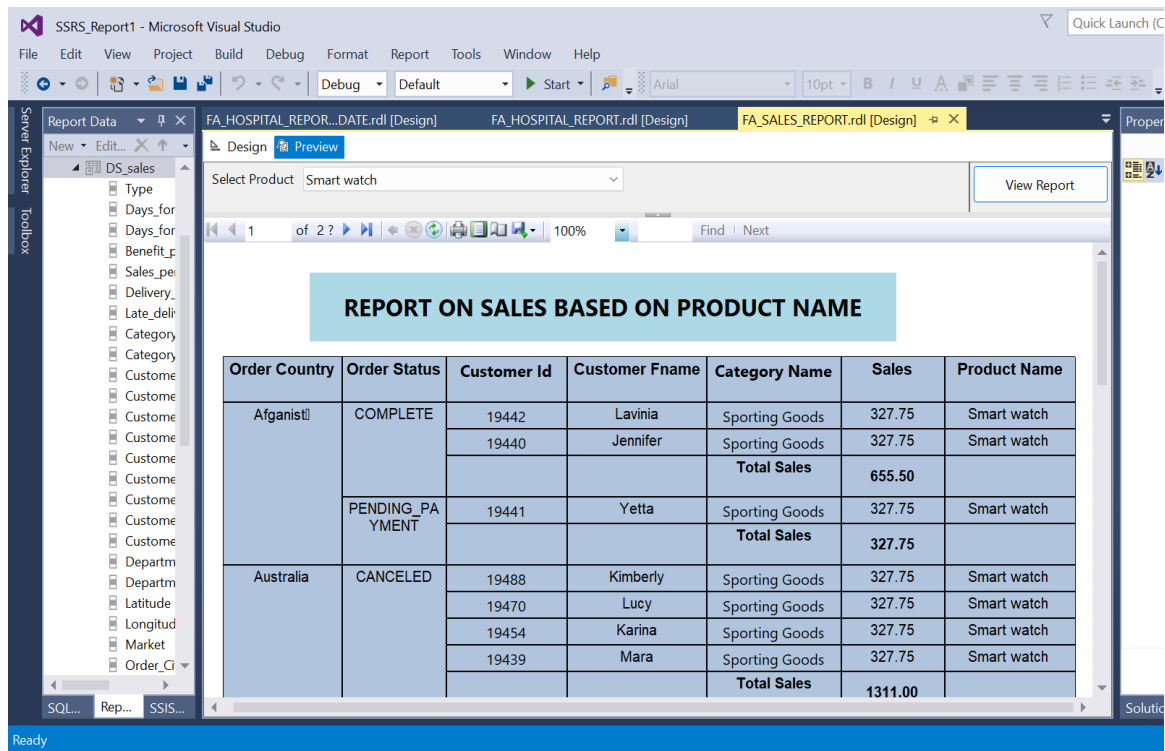
- Design report



- Select product



- Report



FA\_SALES\_REPORT - Compatibility Mode • Saved to this PC

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REPORT ON SALES BASED ON PRODUCT NAME

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	Roddy	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

ds Text Predictions: On Accessibility: Unavailable Focus

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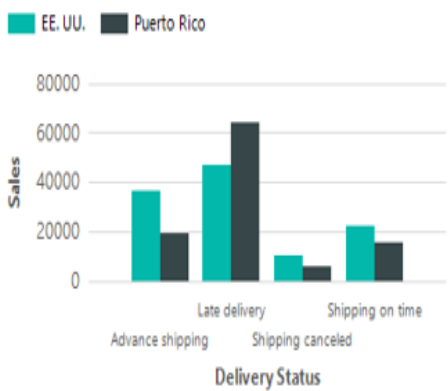
Australia	CLOSED	19418	Beverly	Sporting Goods	327.75	Smart watch
		19370	Xerxes	Sporting Goods	327.75	Smart watch
		19356	Emma	Sporting Goods	327.75	Smart watch
				Total Sales	983.25	
	COMPLETE	19490	Tana	Sporting Goods	327.75	Smart watch
		19468	Roddy	Sporting Goods	327.75	Smart watch
		19456	Amy	Sporting 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	Jamieka	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

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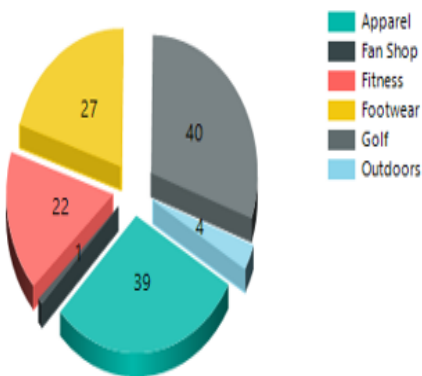
Text Predictions: On Accessibility: Unavailable Focus

# Dashboard on Sales Data

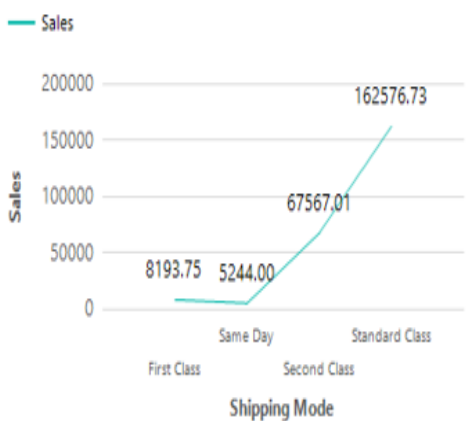
Sales based on Delivery status in Each country



Pending orders in each department



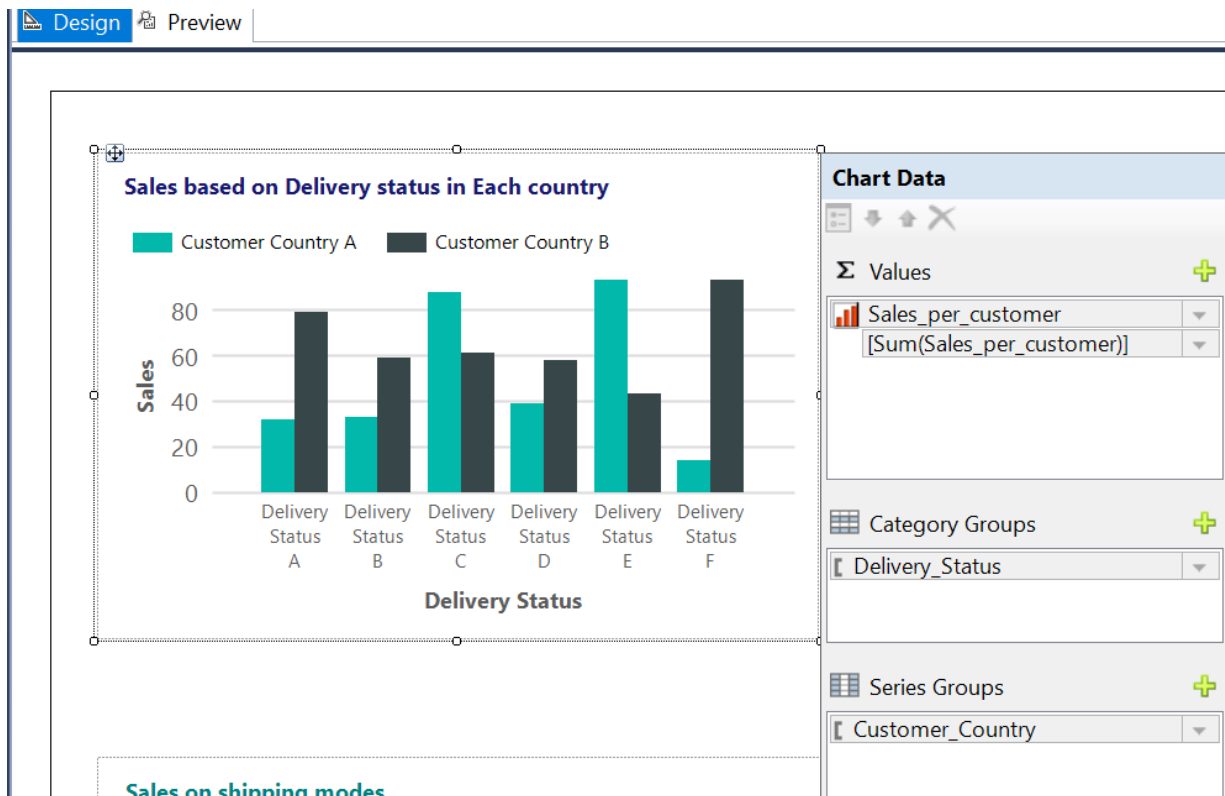
Sales on shipping modes



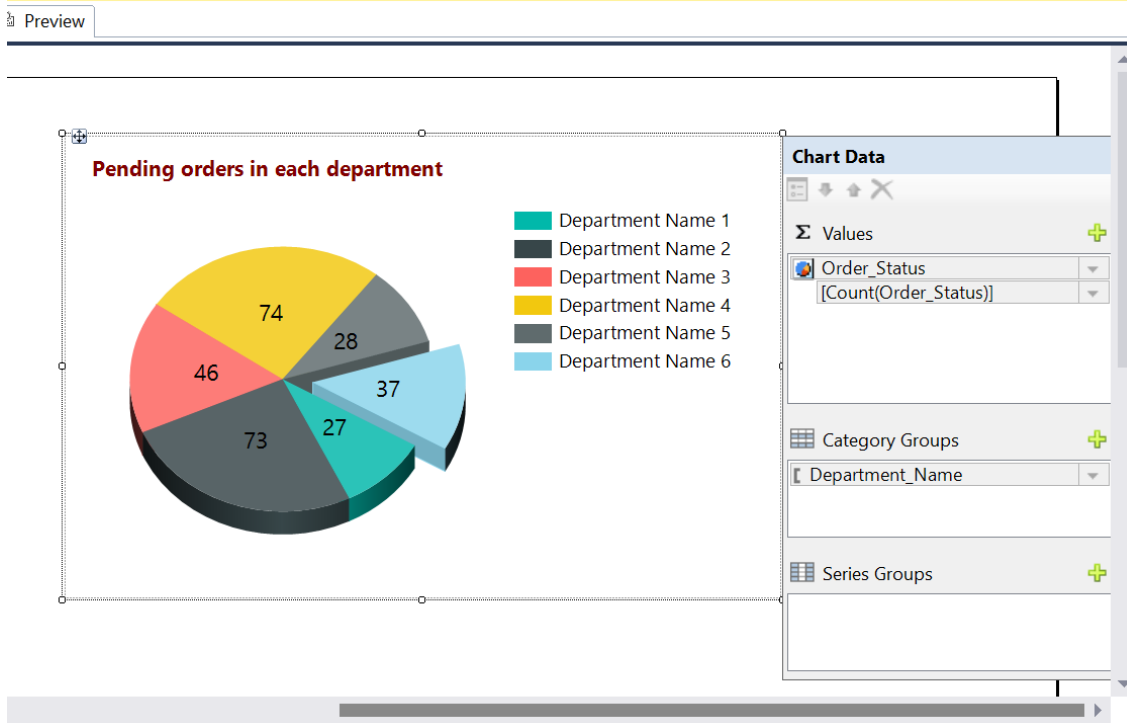
Product price and discount rate in each market



## Column Chart

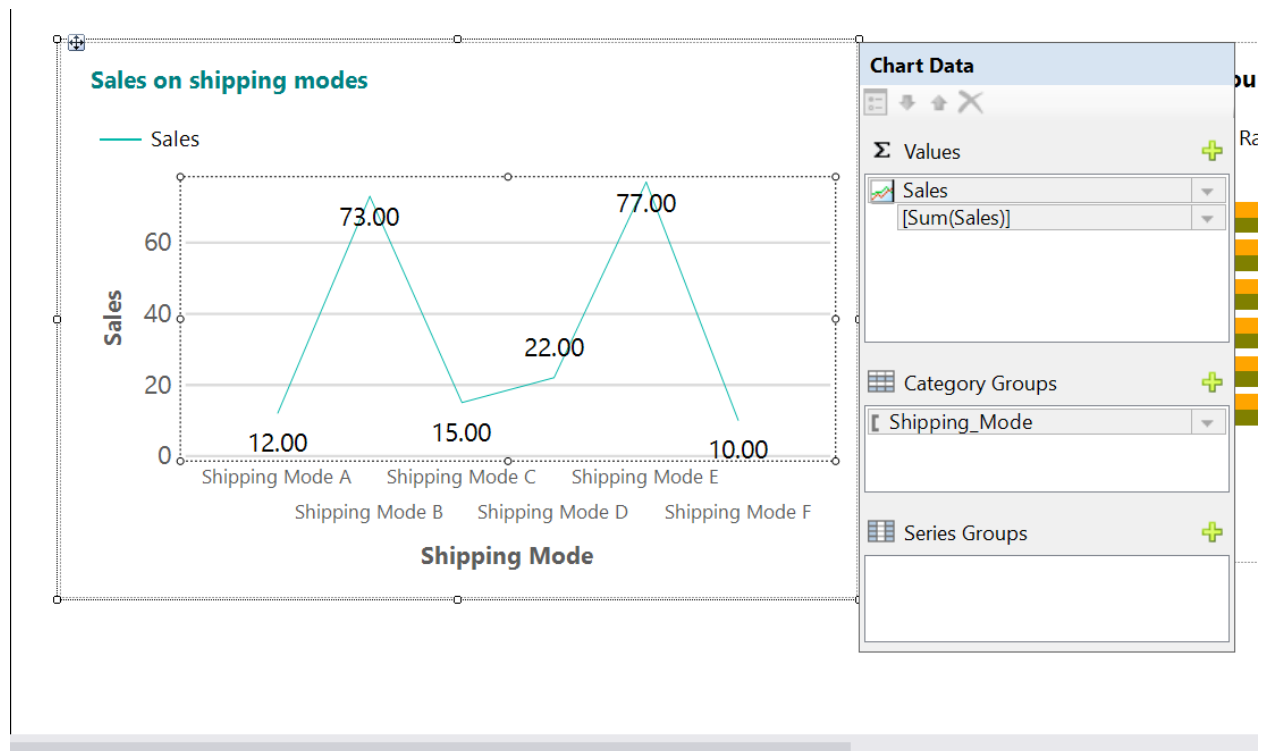


## Pie Chart





## Line Chart



## Bar Chart

