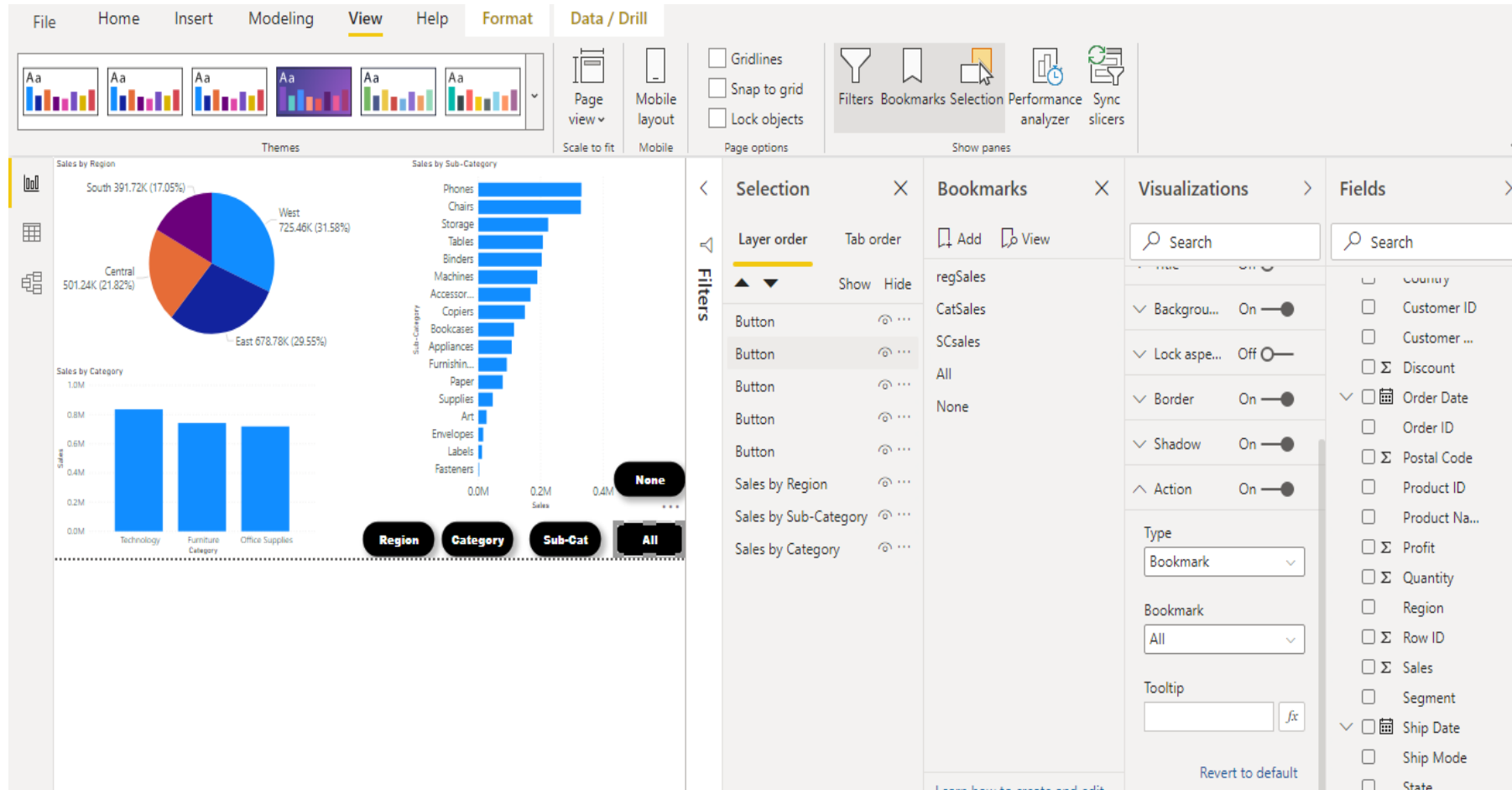


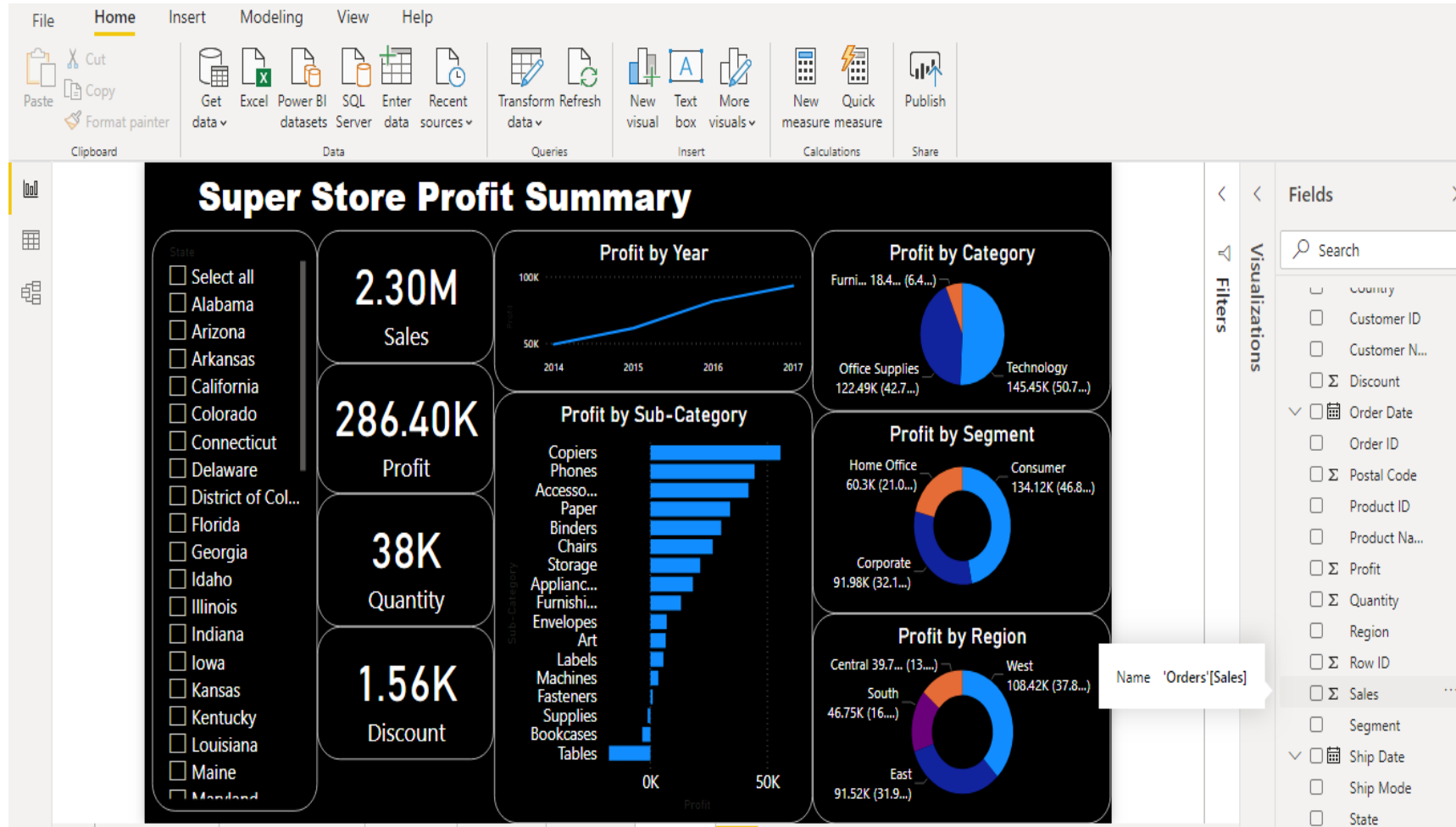
# Book Mark Action in Power BI

Bookmark Action is a collection of Book Mark, Buttons, Selection page & Action



# Creating Report in Power BI

A Report is a combination of multiple Visuals



# Publishing On Power BI Service

Power BI Service is a sharing tool to share the visualization with other users. You need to create a Power BI Service account and publish your creation on it

Home - > Publish

The screenshot displays the Power BI Desktop application interface. The ribbon at the top includes tabs for File, Home, Insert, Modeling, View, and Help. The Home tab is active, showing various icons for data operations (Get data, Excel, Power BI datasets, SQL Server, Enter data, Recent sources), queries (Transform, Refresh data), visualizations (New visual, Text box, More visuals), calculations (New measure, Quick measure), and sharing (Publish). The main workspace shows a dashboard titled 'Super Store' with several visualizations: a list of states with checkboxes, a bar chart for 'Sales', a bar chart for 'Profit', a bar chart for 'Quantity', a bar chart for 'Discount', a bar chart for 'Machines Fasteners Supplies Bookcases Tables', and a donut chart for 'South' and 'East' regions. A 'Publish to Power BI' dialog box is open in the center, prompting the user to 'Select a destination'. The dialog box has a search bar and a list of destinations, with 'My workspace' selected. The 'Select' button is highlighted in yellow.

**Super Store**

State

- ☐ Select all
- ☐ Alabama
- ☐ Arizona
- ☐ Arkansas
- ☐ California
- ☐ Colorado
- ☐ Connecticut
- ☐ Delaware
- ☐ District of Col...
- ☐ Florida
- ☐ Georgia
- ☐ Idaho
- ☐ Illinois
- ☐ Indiana
- ☐ Iowa
- ☐ Kansas
- ☐ Kentucky
- ☐ Louisiana
- ☐ Maine
- ☐ Maryland

2.30 Sales

286.4 Profit

38 Quantity

1.56K Discount

Machines Fasteners Supplies Bookcases Tables

South 46.75K (16....)

East 91.52K (31.9...)

108.42K (37.8...)

OK

50K

Profit

**Publish to Power BI**

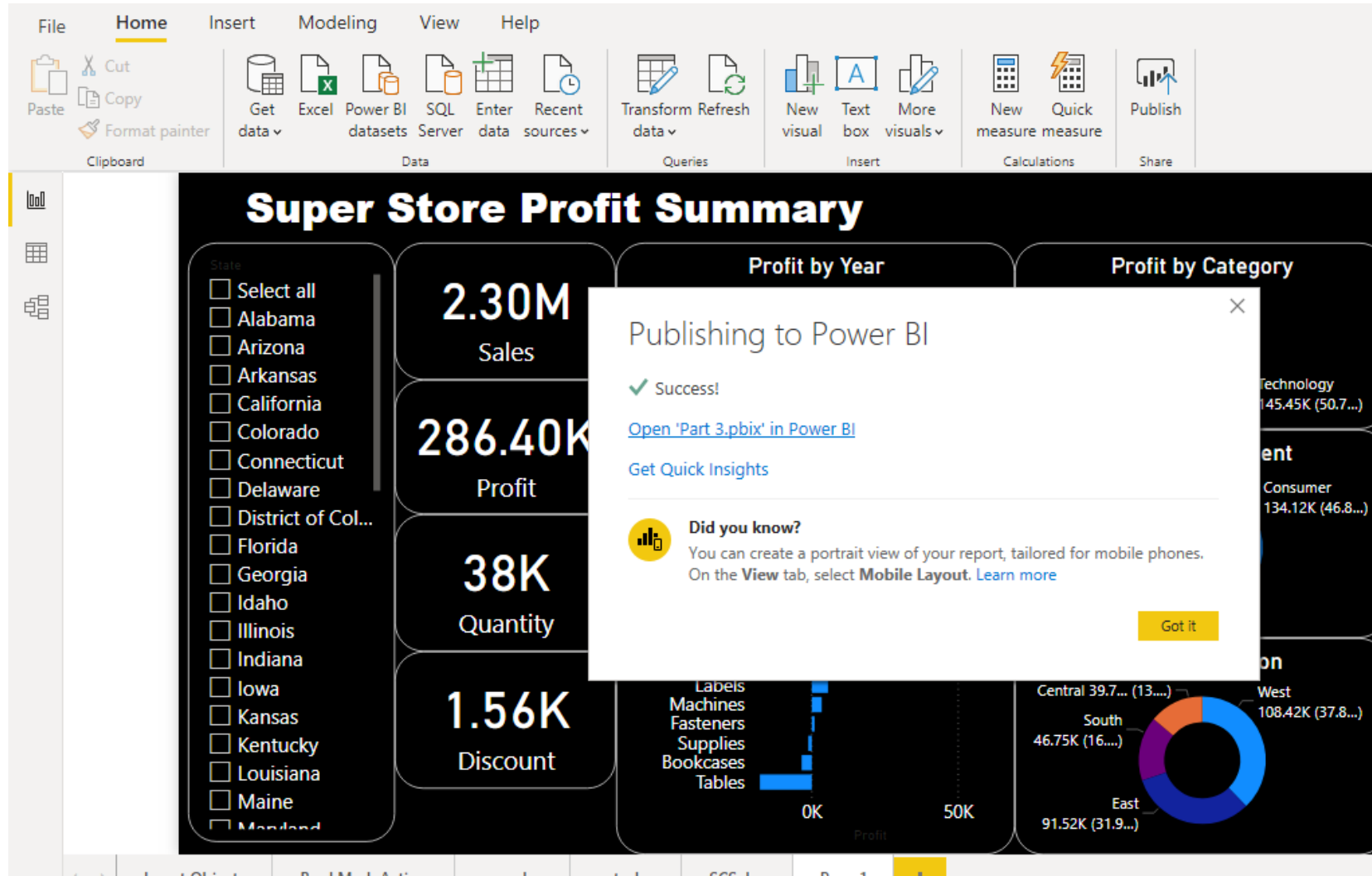
Select a destination

My workspace

Select Cancel



# Publishing On Power BI Service



# Power BI Service

Comments, Subscribe, Share

Comments

PART 3

Previous | Next

Enter your comments here, and @mention people to grab their attention.

Post

rajeev garg

13 minutes ago

State Interactive Profit Summary

Close

Show all

Subscribe to emails

PART 3

+ Add new subscription

Page 1 Run Now On

Subscribe

rajeev garg rajeev@rcorpginie.com Enter email addresses

Subject

SuperStore Summary

SuperStore Summary

Manage all subscriptions

Save and close Cancel

Share report

PART 3

Share Access

Only users with Power BI Pro will have access to this report. Recipients will have the same access as you unless row-level security on the dataset further restricts them. [Learn more](#)

Grant access to

Enter email addresses

Include an optional message

☒ Allow recipients to share your report

☒ Allow recipients to build new content using the underlying datasets

☒ Send an email notification to recipients

☐ Include my changes

Report link ⓘ

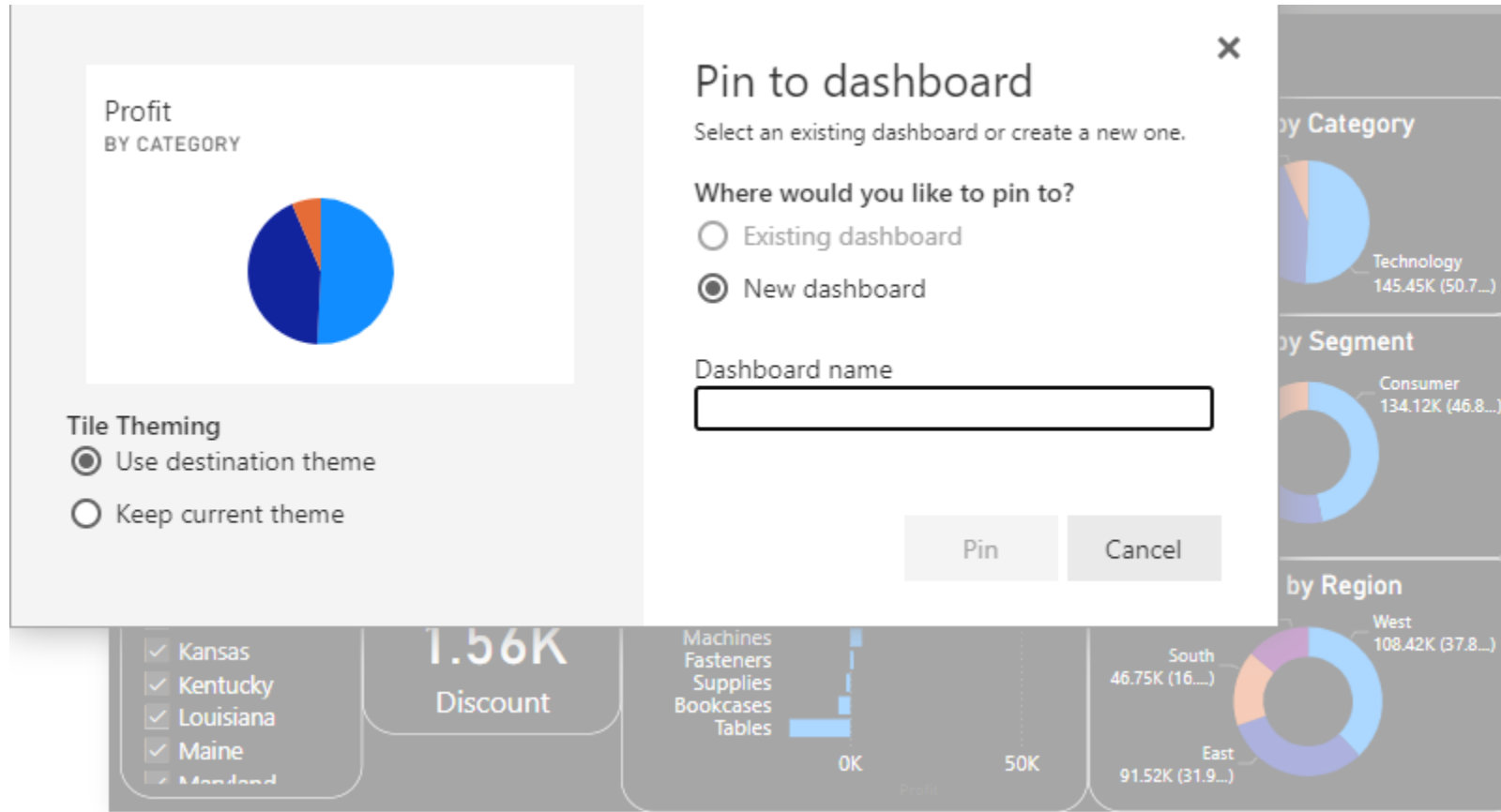
https://app.powerbi.com/groups/me/reports/4ba786a6-0c7c-42f1-9a3f-62de747

Share Cancel



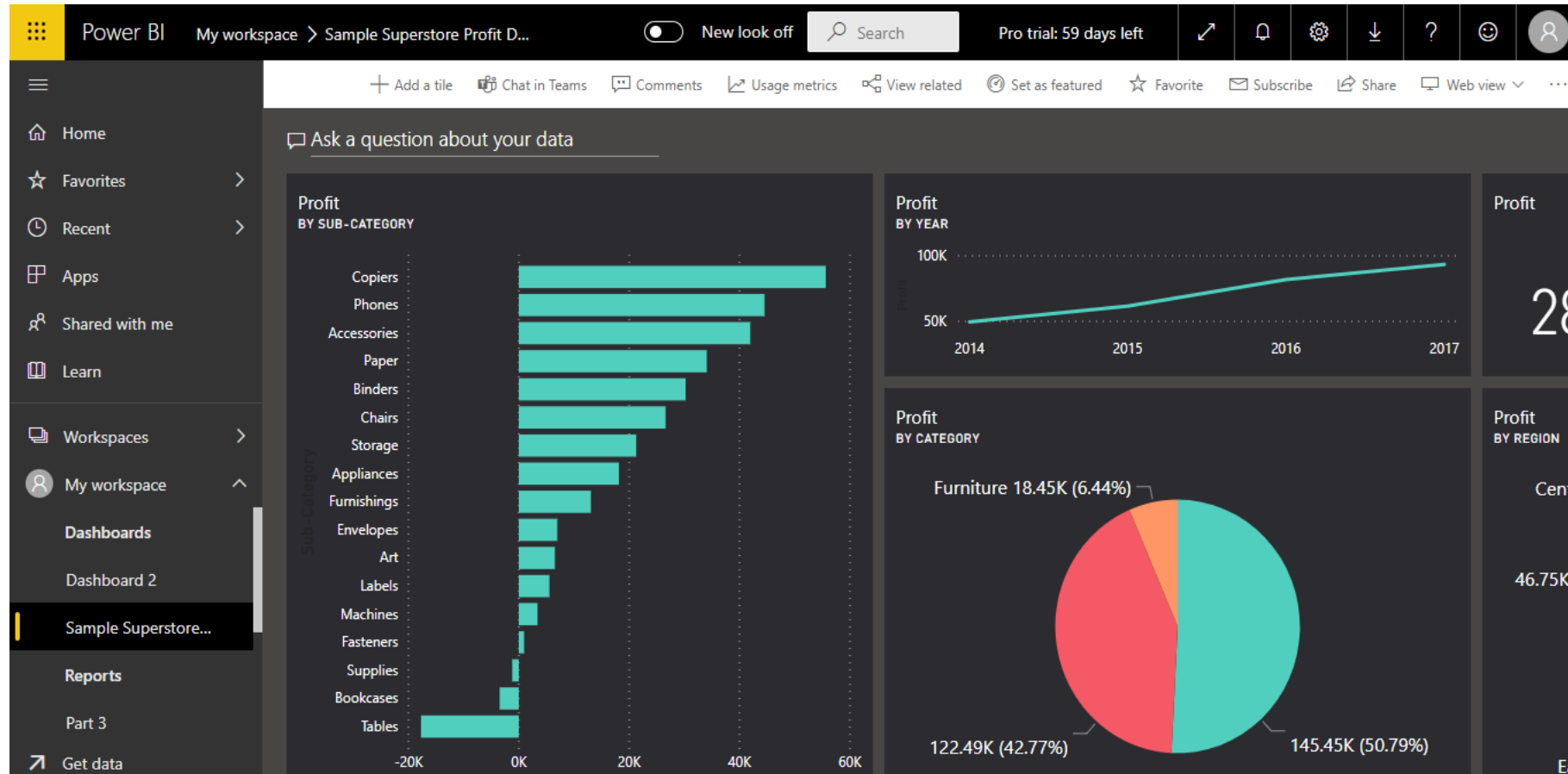
# Dashboard in Power BI

In Power BI dashboard can be created only in Power BI Service. To add a visual you just need to pin the Visual to the dashboard.



Dashboard can also be created through My workplace.

# Dashboard in Power BI



PowerBI Dashboard are not interactive by default. To make the dashboard interactive you need to pin the live page.

These are actually useful if you want to see the static view.



# Dashboard in Power BI

- Power BI dashboards are not interactive by default.
- To make the dashboard interactive you need to pin the live page.
- In the real time scenario Reports are majorly used.
- These are actually useful if you want to see the static view.

The screenshot shows the Power BI interface with a report titled 'Part 3' and 'PAGE 1'. The report content includes a 'Super Store Profit Summary' dashboard with various charts and tables. A 'Pin to dashboard' dialog box is open, prompting the user to select an existing dashboard or create a new one. The dialog box includes a preview of the report, a list of existing dashboards (SuperStore DB2), and a 'Pin live' button.

Power BI Take a tour, and we'll show you how to get around.

Preview: Last saved state

Part 3  
PAGE 1

Super Store Profit Summary

2.30M Sales  
286.40K Profit  
38K Quantity  
1.54K Revenue

Pin to dashboard

Select an existing dashboard or create a new one.

Where would you like to pin to?

☒ Existing dashboard  
☐ New dashboard

Select existing dashboard

SuperStore DB2

*i* Pin live page enables changes to reports to appear in the dashboard tile when the page is refreshed.

Pin live Cancel

by Category

Technology 145.45K (50.7...)

by Segment

Consumer 134.12K (46.8...)

by Region

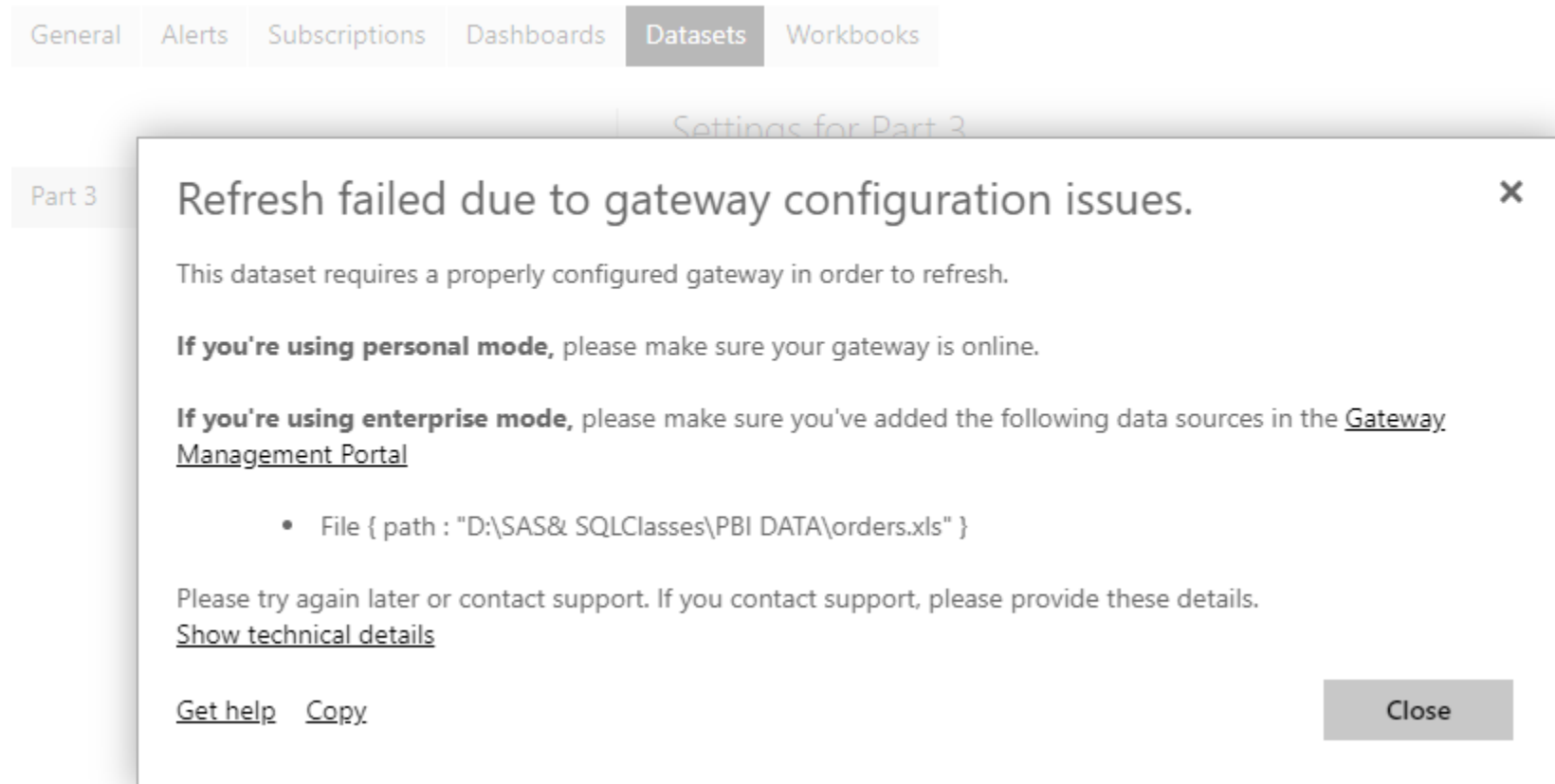
West 108.42K (37.8...)





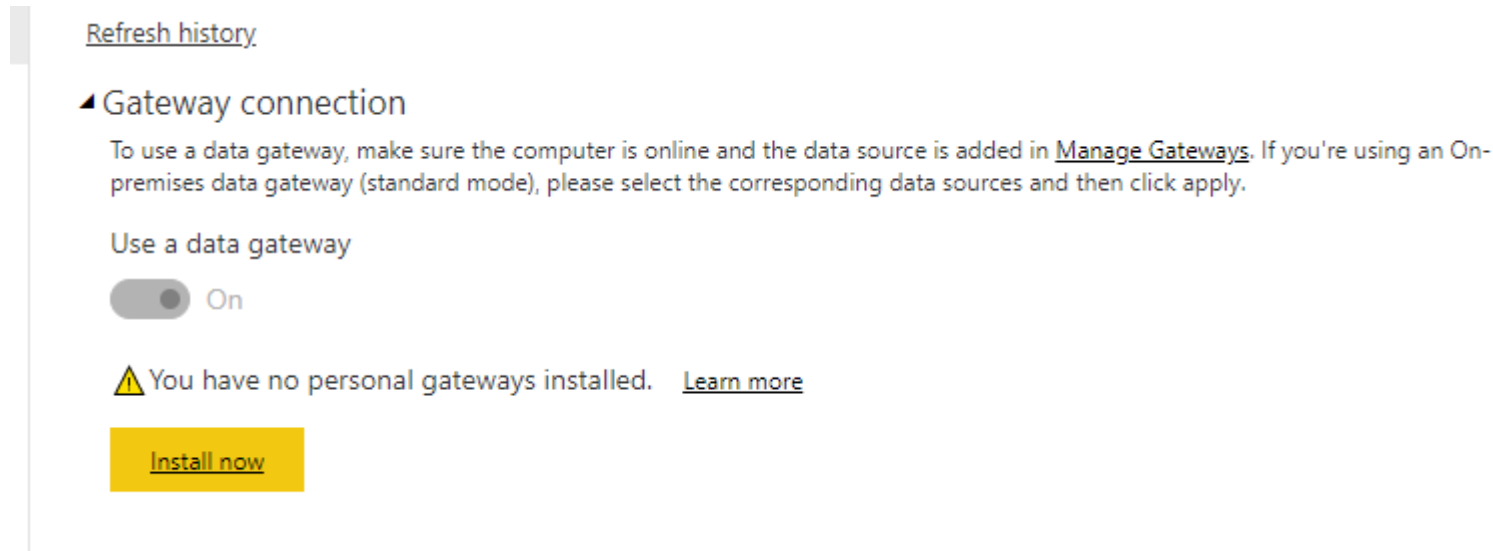
# Refreshing Data in Power BI

To refresh the data you need to go to : My workspace -> Datasets -> Refresh



# Refreshing Data in Power BI

The Refresh failed message is displayed as the Data Gateway is not configured. To resolve this : Download & Install Data Gateway.

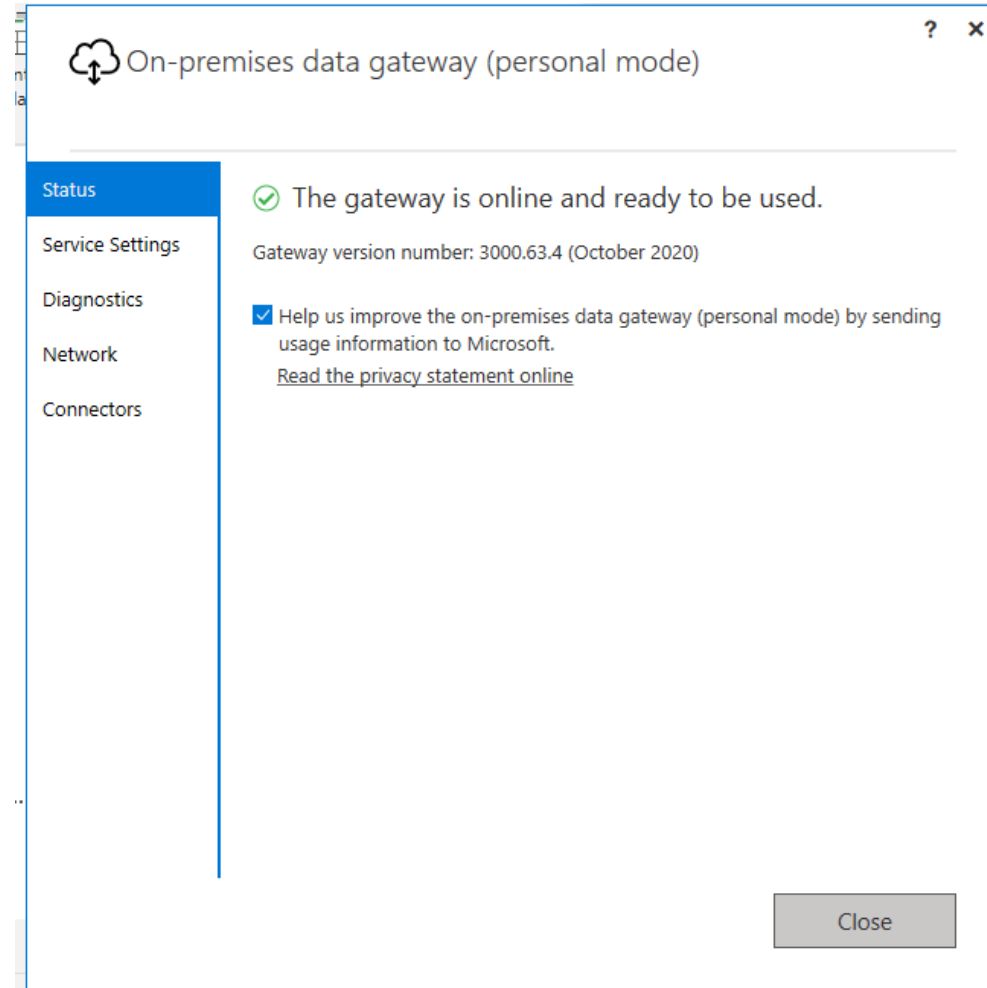


- Refresh the dataset
- Check for Username & password under  
My workspace -> Datasets -> Settings -> Data Source Credentials
- Scheduled refresh (8 Schedules in Pro & 48 in Premium Account)



# Refreshing Data in Power BI

Once the Gateway is installed and configured successfully, below confirmation will be displayed.



# Refreshing Data in Power BI

Now try to refresh the Dataset. You may be prompted with the below message.

## Can't refresh your data

The credentials you provided for the data source are invalid. Please check the credentials for all the data sources. Please try again later or contact support. If you contact support, please provide these details.

[Show technical details](#)

[Get help](#) [Copy](#)

To resolve this you need to specify the Data source credentials



×

**Can't refresh your data**

The credentials you provided for the data source are invalid. Please check the credentials for all the data sources. Please try again later or contact support. If you contact support, please provide these details.

[Show technical details](#)

[Get help](#) [Copy](#)

**Settings for Part 3**

Last refresh succeeded: Sat Oct 17 2020 19:16:32 GMT+0530 (India Standard Time)  
[Refresh history](#)

▶ Gateway connection

◀ Data source

orders.xls

▶ Parameters

▶ Scheduled

▶ Q&A

▶ Featured Q

▶ Endorseme

**Configure Part 3** ×

path  
D:\SAS& SQLClasses\PBI DATA\orders.xls

Authentication method  
WindowsWithoutImpersonation ▼

Privacy level setting for this data source  
None ▼

Sign in Cancel

# Scheduled Refresh in Power BI

You can automate the refresh by scheduling a refresh.

Turn on the Scheduled Refresh

Specify the frequency (Daily / Weekly)

Set the time

Specify a refresh failure email recipient

Apply

## Scheduled refresh

Keep your data up to date

☒ On

Refresh frequency

Time zone

Time

[Add another time](#)

☒ Send refresh failure notifications to the dataset owner

Email these users when the refresh fails

Apply

Discard



**Note : Refresh can be done 8 times a day in Pro Account**  
**In Premium account it can be done 48 times**

# ASSIGNMENT



Visualize the data in any meaningful way to help the institute to analyse the data.

Design a report for the planning data based on country, institute, department, year, quarter, and qualification.

## KPI

- No of Students per Country
- No of Students per Institute
- No of Students per Department
- No of Students per Qualification
- Percentage of Withdrawn cases
- Time series analysis of active and withdrawn classes





# Power Query

A ETL tool



# Using Functions in Power Query

Power Query is a ETL tool (Extract Transform Load) which provide many function (Text Functions / Date Functions/ Number Functions)

Merge

Split

Change Case

Extract (left, right, substring, Delimiter)

The best part of Power Query is you do not have to write any formula.

To get the Power Query editor select the data source and click on Transform

