

# Designing and Deploying Dashboards



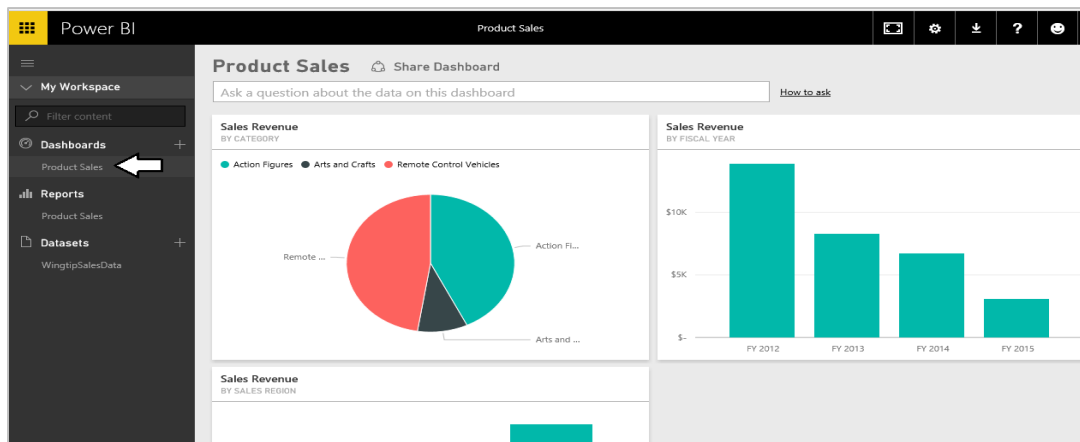
# Agenda

- Creating Dashboards
- Sharing Dashboards
- Deploying Dashboards using Content Packs
- Accessing Dashboards using Mobile Devices



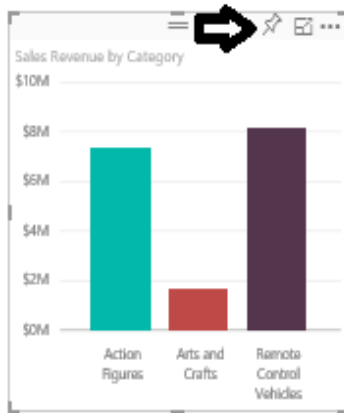
# Dashboards in Power BI

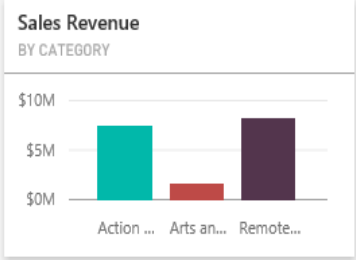
- Dashboard is consolidated view across reports & datasets
  - Provides simpler, more intuitive entry point to reports and datasets
  - Simplicity and intuition key for users with tablets & mobile devices
- Dashboard represents unit of deployment and reuse
  - Dashboards can be deployed via dashboard sharing
  - Dashboards can be deployed using content packs
  - Dashboard represents security boundary to reports and datasets



# Creating Dashboards

- Dashboard created by adding tiles
  - Dashboard tiles can be created by pinning a visual from a report
  - Dashboard tiles can be created from Q&A search result
  - Each tile is snapshot of information from an underlying dataset





**Sales Revenue**  
BY CATEGORY

\$10M  
\$5M  
\$0M

Action ... Arts an... Remote...

### Pin to dashboard

Select an existing dashboard or create a new one.

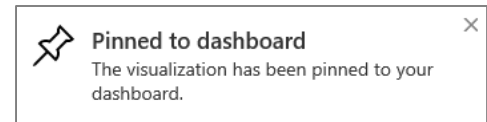
Where would you like to pin to?

☐ Existing dashboard

☒ New dashboard

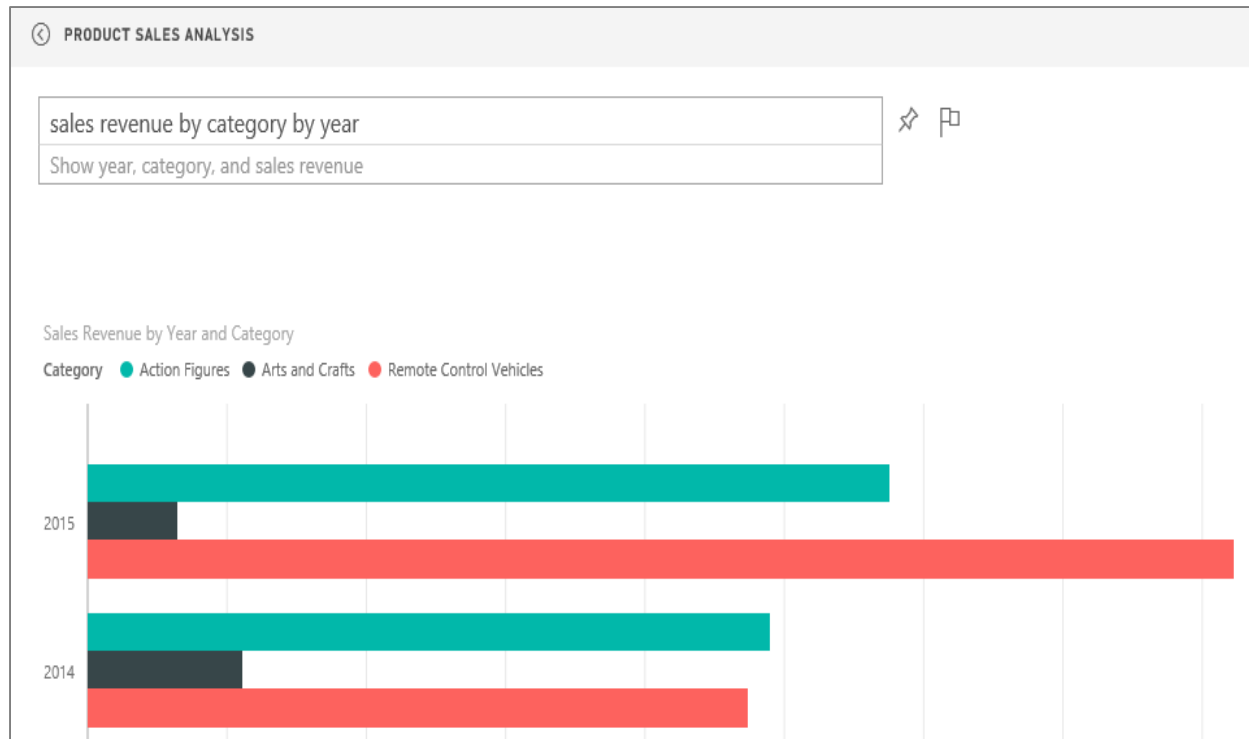
Product Sales Analysis

**Pin** Cancel



# The Q&A Search Box

- Used to execute natural language queries
  - Query is run against dataset behind the dashboard
  - Power BI service selects visualization type for results

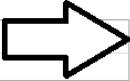


# Pinning Search Result to Dashboard

PRODUCT SALES ANALYSIS

sales revenue by category by year

Show year, category, and sales revenue



**Sales Revenue**  
BY YEAR, CATEGORY

Category ● Action Fig... ● Arts and C...

2015

2014

\$0M \$5M

**Pin to dashboard** ×

Select an existing dashboard or create a new one.

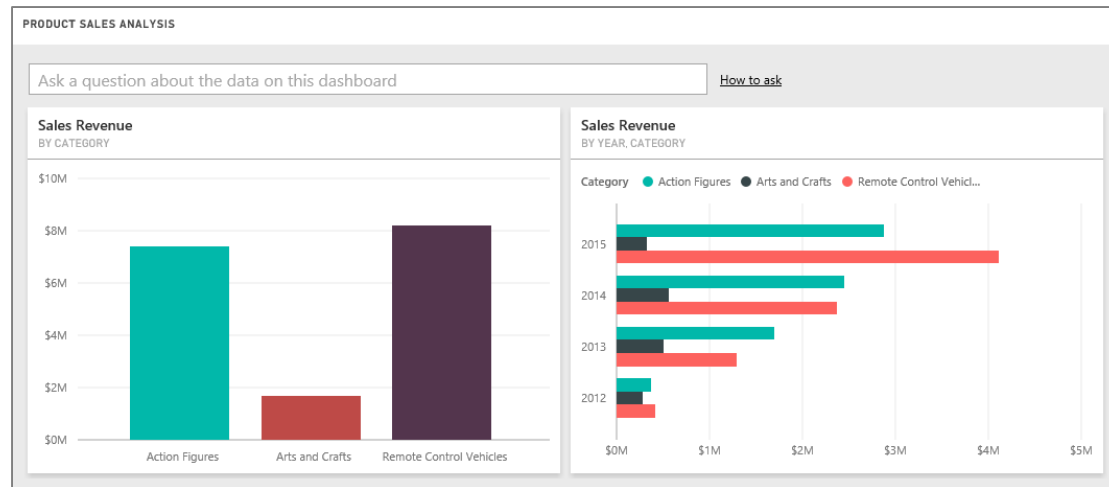
Where would you like to pin to?

☒ Existing dashboard

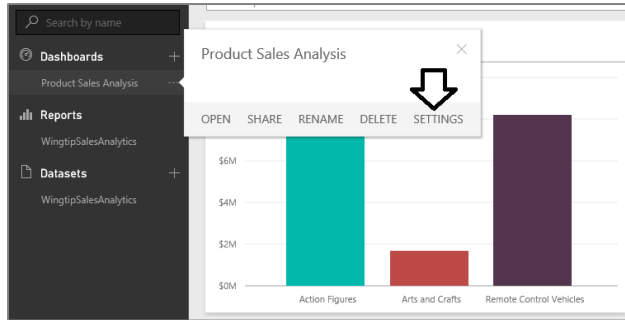
☐ New dashboard

Product Sales Analysis ▼

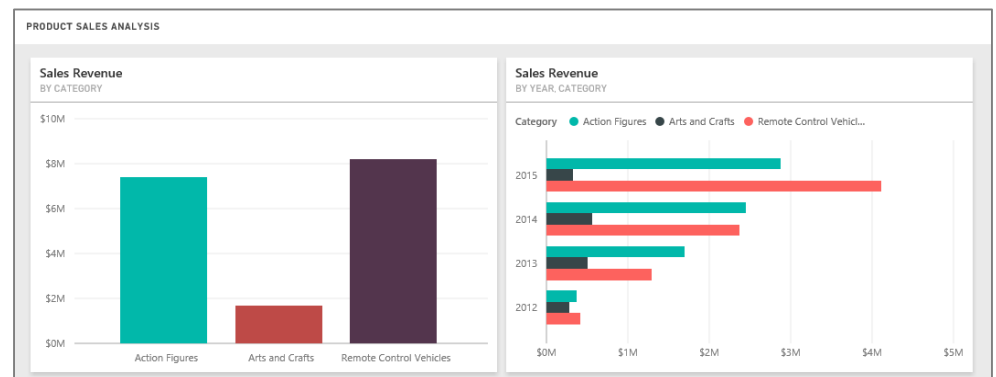
**Pin** **Cancel**



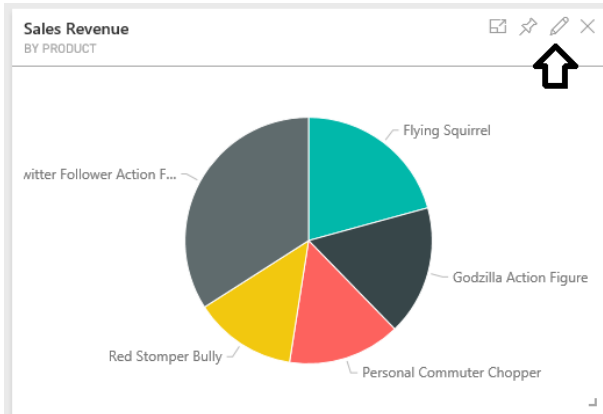
# Removing the Q&A Search Box



The screenshot shows the 'Settings' dialog box for 'Product Sales Analysis'. The 'Dashboards' tab is selected. The 'Q&A' section is visible, showing a description of Q&A and a checkbox labeled 'Show the Q&A search box on this dashboard'. The checkbox is unchecked, and a black arrow points to it. Below the checkbox are 'Apply' and 'Discard' buttons.



# Modifying Tile Details



**Tile details**

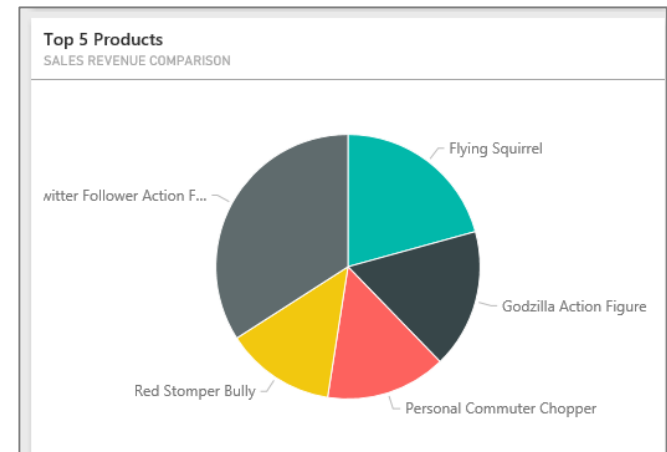
**Title**  
Top 5 Products

**Subtitle**  
Sales Revenue Comparison  
[Restore default](#)

☐ Set custom link

☐ Open in same tab

**Apply** **Cancel**







**DEMO**

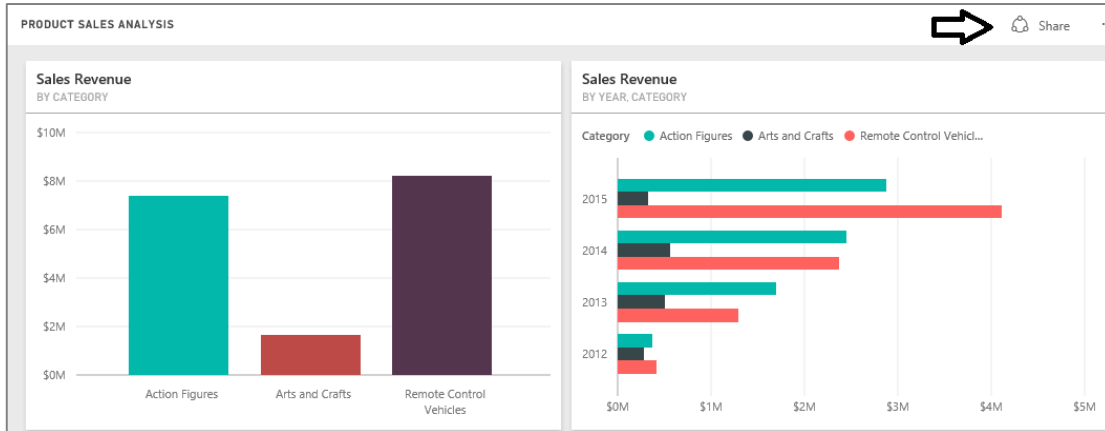
## Creating a Dashboard

# Agenda

- ✓ Creating Dashboards
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# Sharing a Dashboard



## Share dashboard

Not shared with anyone

Invite

Shared with

Andy Enduser X |

Recipients will have access to the same data and reports as you have in this dashboard. [Learn more](#)

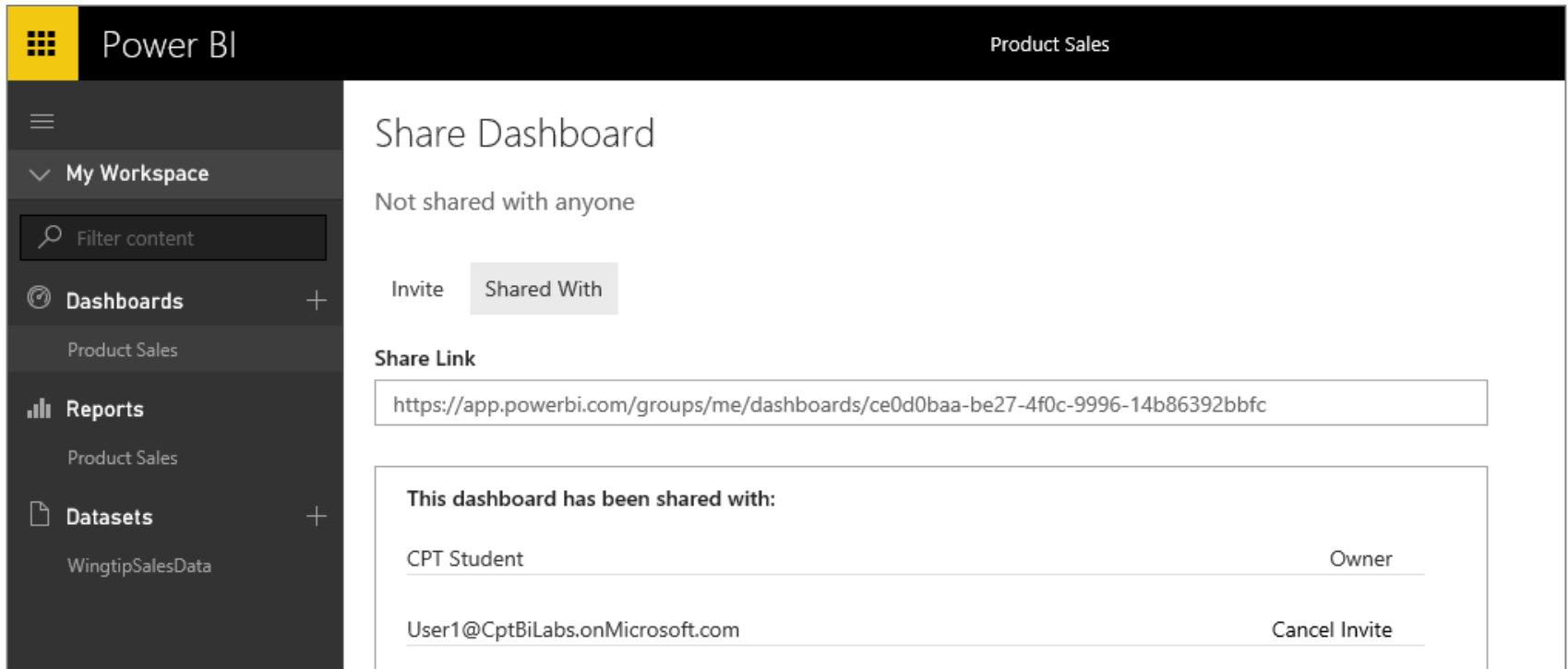
☒ Allow recipients to share your dashboard

☒ Send email notification to recipients

Share



# Viewing the Shared With List

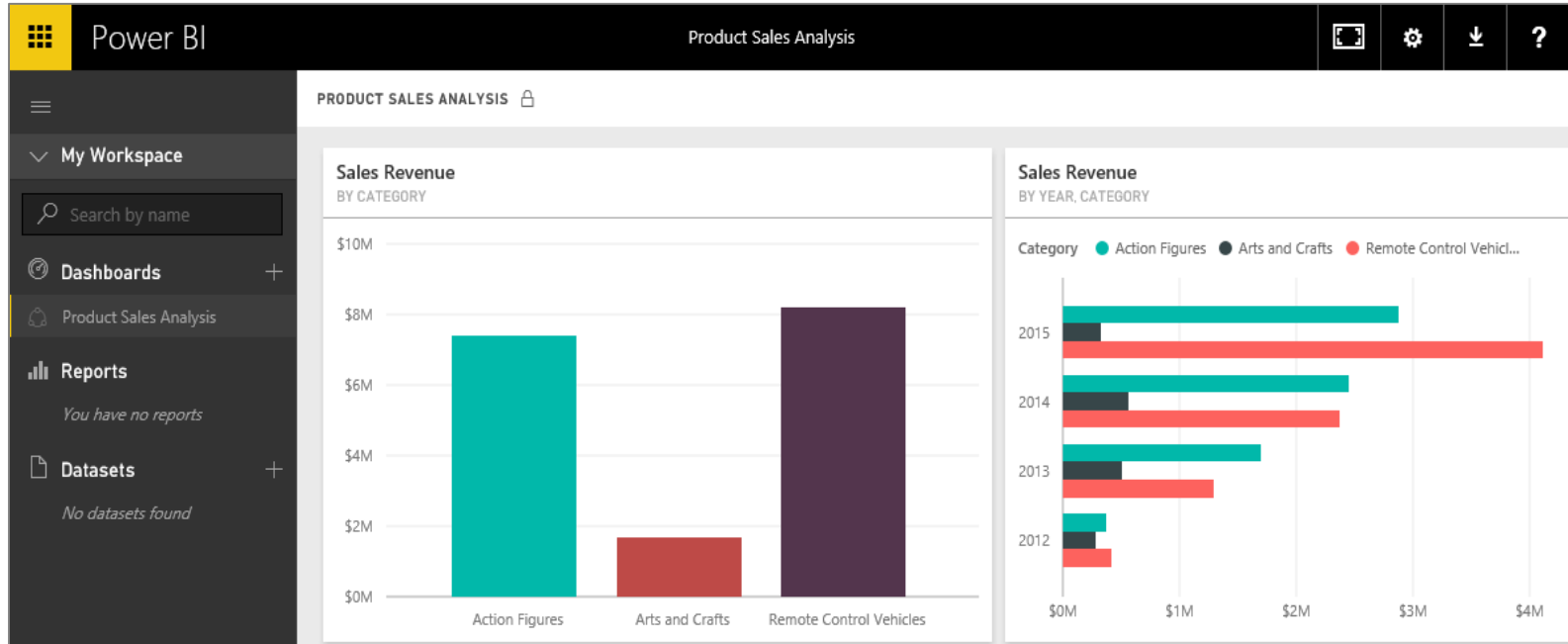
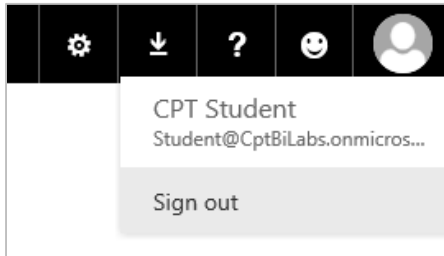


The screenshot shows the Power BI web interface. The top navigation bar includes the Power BI logo and the text 'Power BI' on the left, and 'Product Sales' on the right. The left sidebar contains a menu with 'My Workspace', 'Filter content', 'Dashboards' (with a '+' icon), 'Reports', and 'Datasets' (with a '+' icon). Under 'Dashboards', 'Product Sales' is selected. Under 'Reports', 'Product Sales' is listed. Under 'Datasets', 'WingtipSalesData' is listed. The main content area is titled 'Share Dashboard' and shows 'Not shared with anyone'. Below this, there are two tabs: 'Invite' and 'Shared With' (which is active). Under the 'Shared With' tab, there is a 'Share Link' section with a text box containing the URL: <https://app.powerbi.com/groups/me/dashboards/ce0d0baa-be27-4f0c-9996-14b86392bbfc>. Below the link, there is a section titled 'This dashboard has been shared with:' containing a table with two rows of shared users.

This dashboard has been shared with:	
CPT Student	Owner
User1@CptBiLabs.onMicrosoft.com	Cancel Invite



# Testing the Dashboard as a Consumer





# Drilling Down Into Reports

Year

☐ 2012

☐ 2013

☐ 2014

☒ 2015

Category

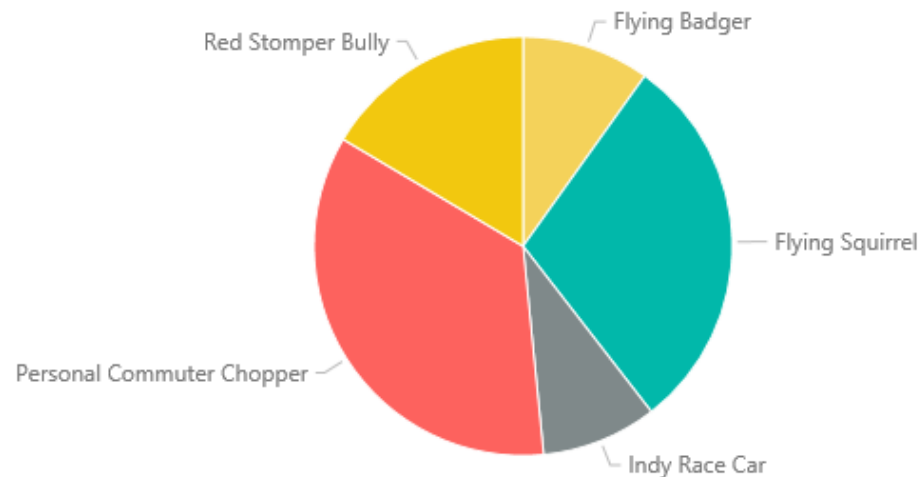
☐ Action Figures

☐ Arts and Crafts

☒ Remote Control Vehicles

Product Rank	Product	Sales Revenue
1	Personal Commuter Chopper	\$1,191,804
2	Flying Squirrel	\$1,005,531
3	Red Stomper Bully	\$559,646
4	Flying Badger	\$335,763
5	Indy Race Car	\$303,499

Sales Revenue by Product





**DEMO**

## Sharing a Dashboard

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# Creating a Content Pack

Power BI

Regional Sales 2015

2015 Sales Revenue  
FOR ALL STATES IN US  
\$7.31M

2015 Units Sold  
FOR ALL STATES IN US  
1.60M

2015 Customer Count  
FOR ALL STATES IN US  
15.24K

Power BI

- Manage personal storage  
7 MB of 10 GB used
- Create content pack
- View content pack
- Manage gateways

Create content pack

Choose who will have access to this content pack:

☐ Specific groups ☒ My entire organization

Title

Regional Sales 2015

Description

This is my first content pack. Isn't it awesome.

Upload an image or company logo

Image size: 45 KB or less, 4:3 aspect ratio, JPG or PNG format

[Use default](#)

Select items to publish

**Dashboards**

☐ WingtipSalesAnalytics.p...  
☒ Regional Sales 2015

**Reports**

☒ Regional Sales 2015  
☐ WingtipSalesAnalytics

**Datasets**

☒ WingtipSalesAnalytics

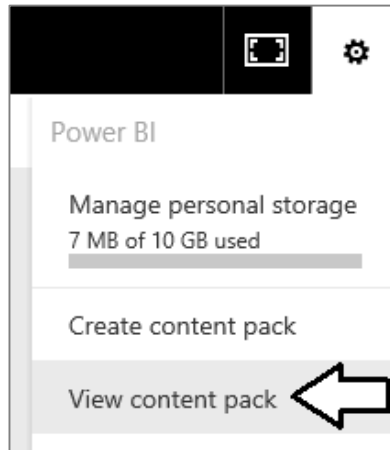
The content pack will be available in your organization's content gallery. [Learn more](#)

**Publish** **Cancel**



# Viewing and Managing Content Packs

- You can view existing content packs



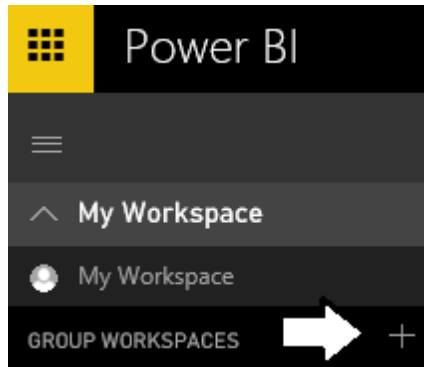
- You can delete a content pack or edit its properties

Name	Published To	Date published	Actions
Regional Sales 2015	My Organization	Dec 02, 2015	<a href="#">Edit</a>   <a href="#">Delete</a>



# Creating a Group Workspace

- Group Workspace can be created in Power BI service
  - This action created Office 365 unified group behind the scenes
  - Allow for shared authoring scenarios

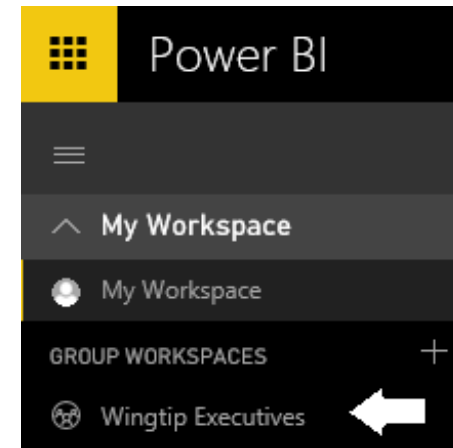


The 'Create a group' dialog box contains the following fields and options:

- Name your group:** A text input field containing 'Wingtip Executives'.
- Group ID:** A text input field containing 'wingtipexecutives', with a small edit icon (pencil) to its right. Below the field, the word 'Available' is displayed in green.
- Privacy:** A dropdown menu currently set to 'Private - Only approved members can see what's inside'.
- Members can only view Power BI content:** A dropdown menu currently set to 'Members can only view Power BI content'.

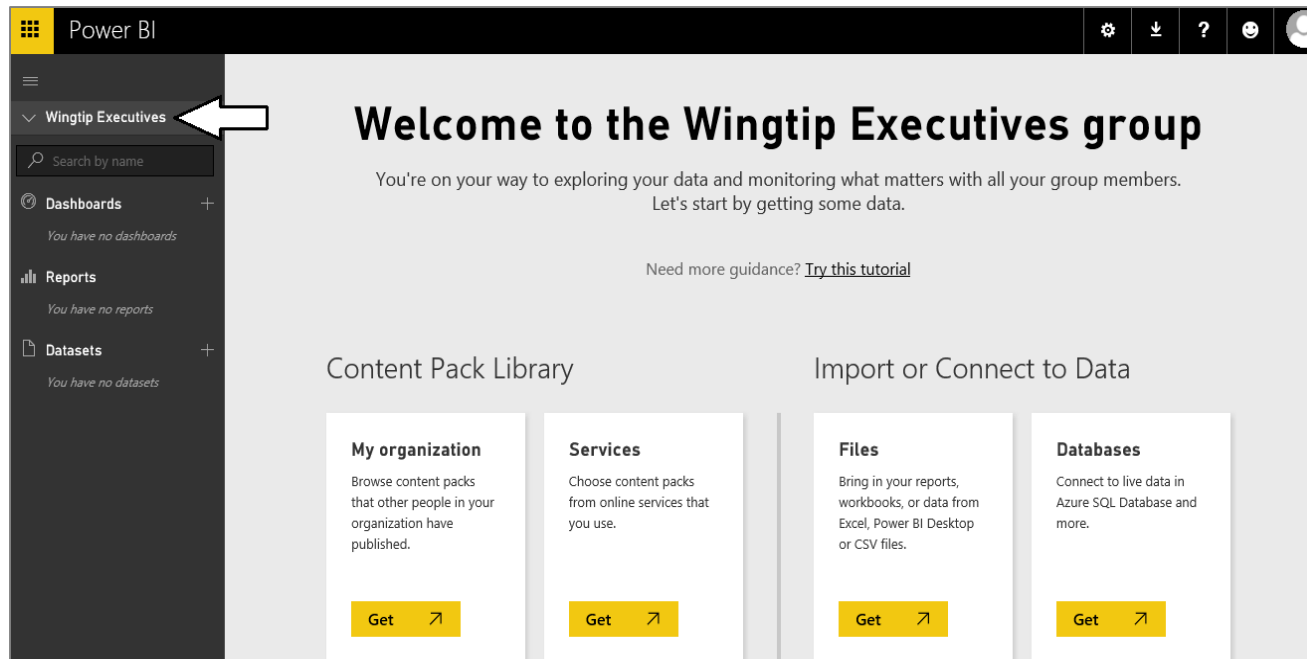
The 'Add group members' dialog box includes:

- Add group members:** The title of the dialog.
- Enter email addresses:** A text input field for adding members.
- Add:** A yellow button to confirm adding members.
- Members list:** A list showing 'user1@cptpowerbilabs.onmicrosoft.com' with a 'Member' role dropdown and a close (X) icon.

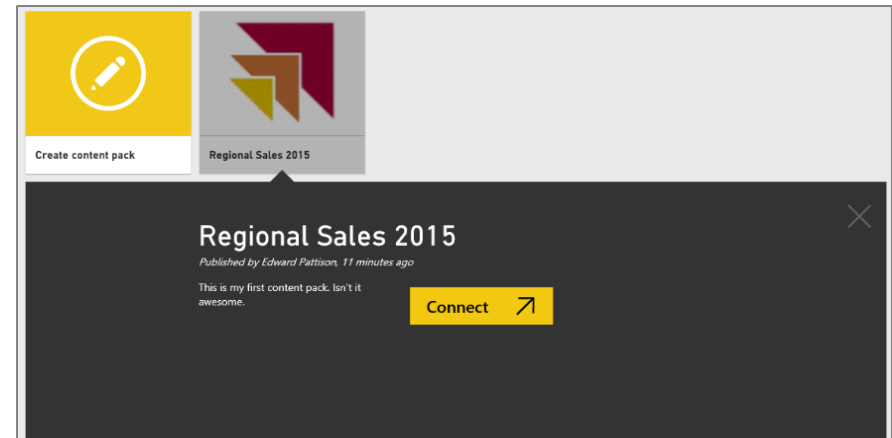
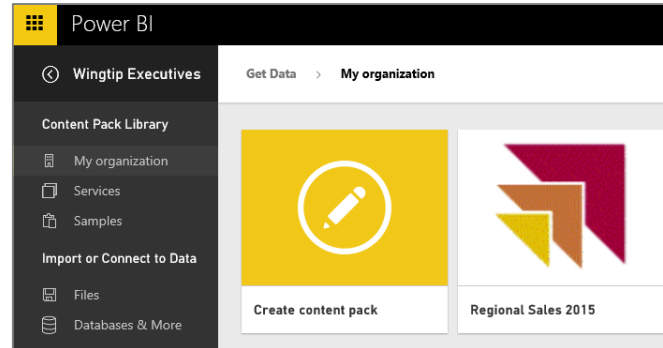
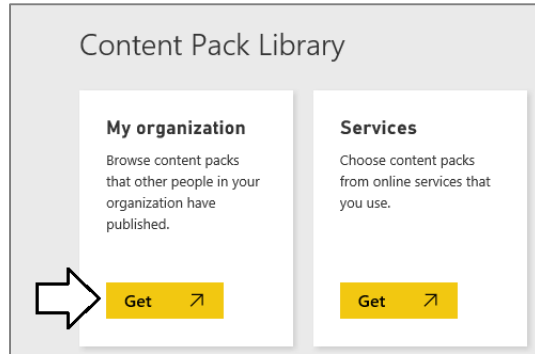


# Switching Over to the Group Workspace

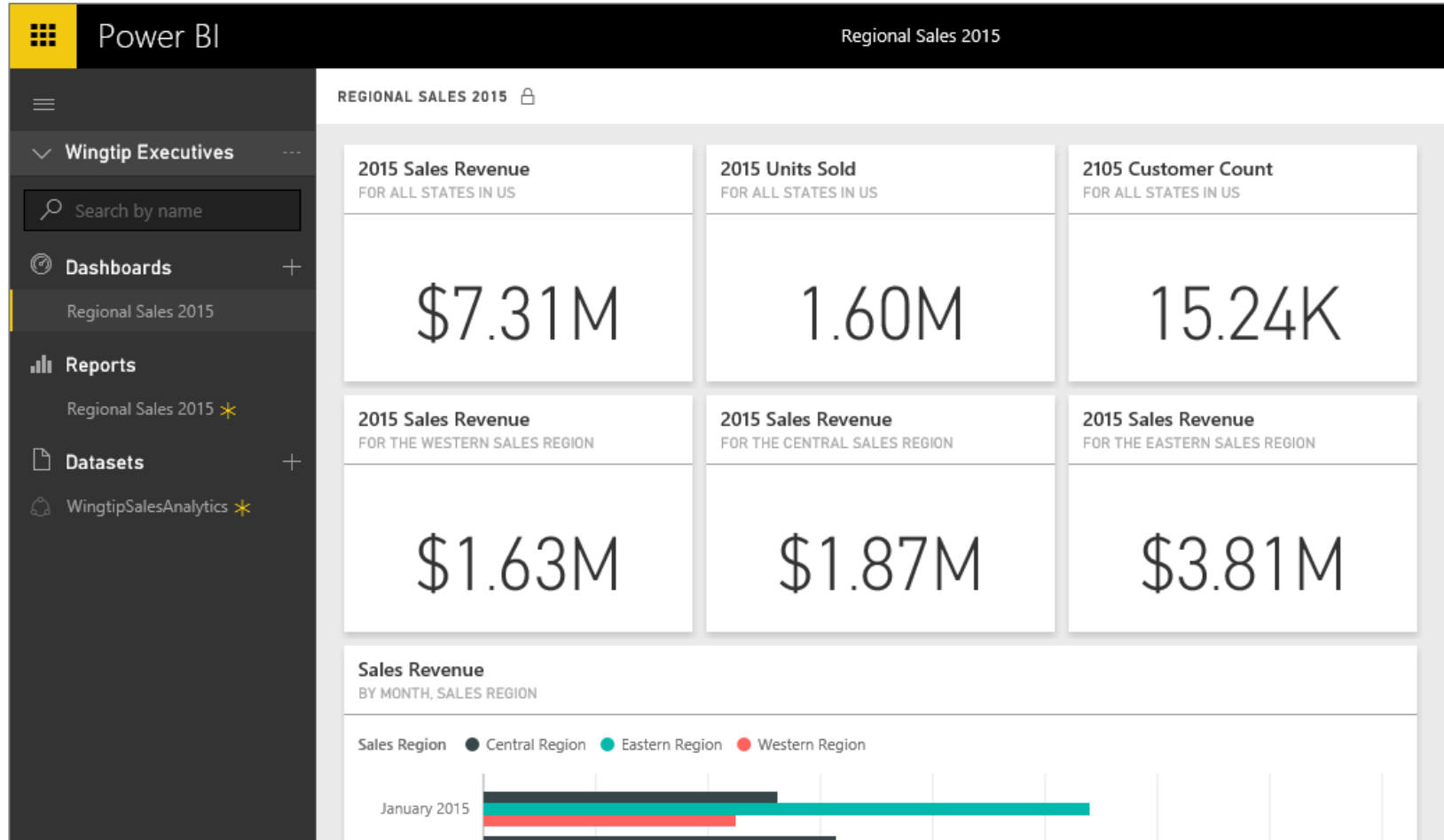
- Group workspace has its own collections
  - Dashboards
  - Reports
  - Datasets



# Activating a Content Pack



# Content Pack Activates Dashboard







**DEMO**

## **Deploying a Dashboard using an Organizational Content Pack**

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**DEMO**

## **Installing the Power BI App for Viewing a Dashboard**

# Summary

- ✓ Creating Dashboards
- ✓ Sharing Dashboards
- ✓ Deploying Dashboards using Content Packs
- ✓ Accessing Dashboards using Mobile Devices

