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 of 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 by deployed via dashboard sharing
  - Dashboards can by deployed using content packs
  - Dashboard represents security boundary to reports and datasets
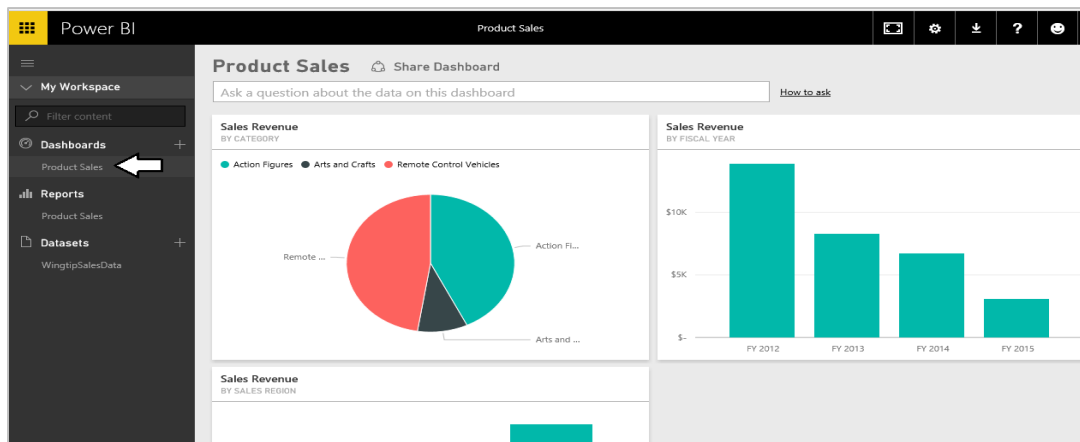
Creating Dashboards

- Dashboard is a collection of 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

- Dashboard can be created two different ways
  - Click on (**+**) button in Dashboards section of navigation pane
 - Create new dashboard when pinning visual from report
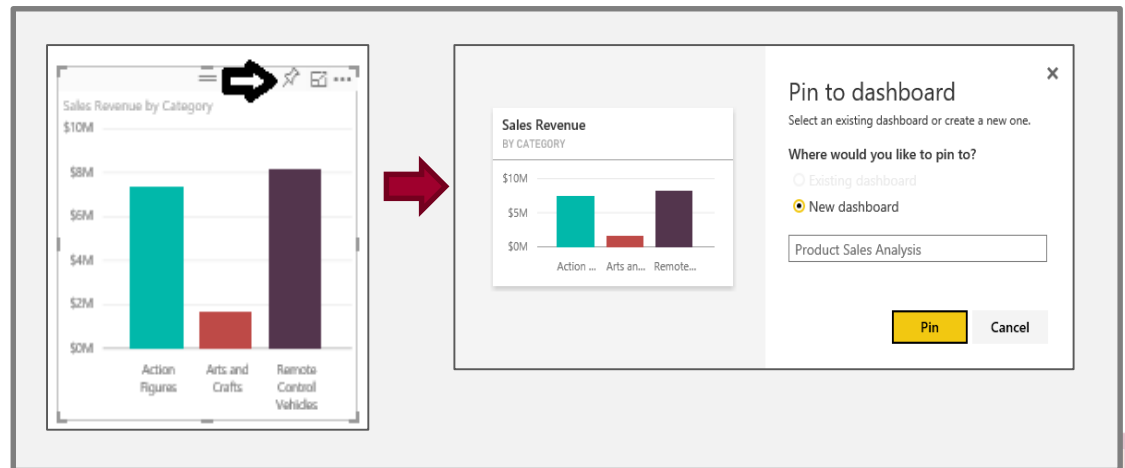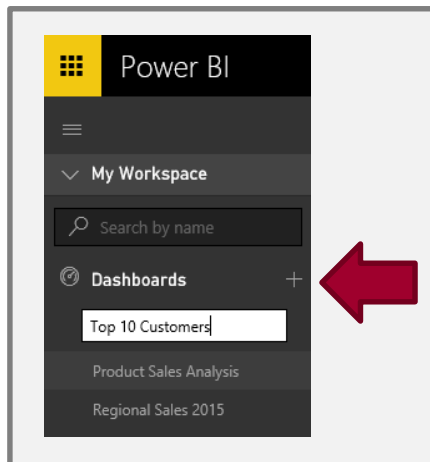
The Q&A Search Box

- Used to execute natural language queries
  - Queries are executed against underlying dataset in workspace
  - Query results display using some type of Power BI visual
  - Power BI service selects visualization type based on result type
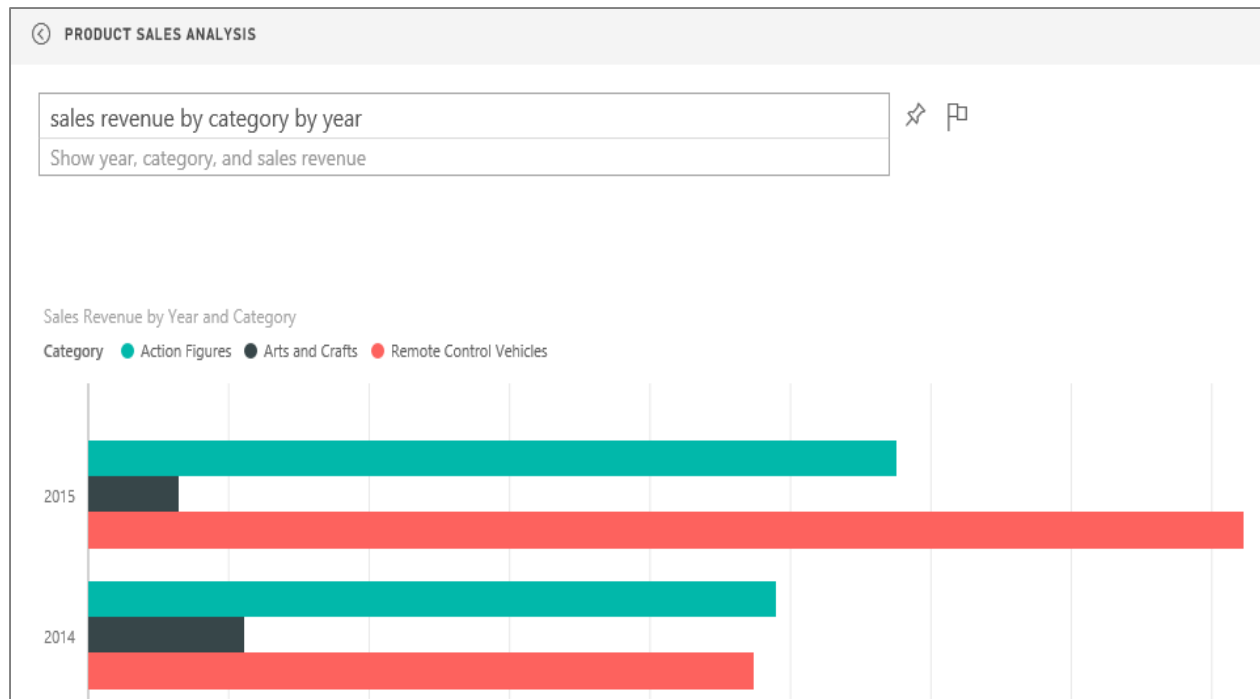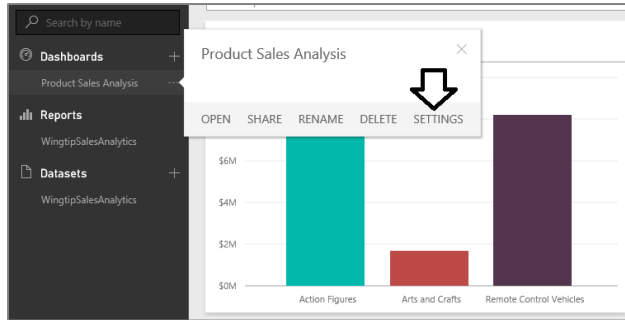
Pinning Search Result to Dashboard

- ## Q&A search results can be pinned to dashboard
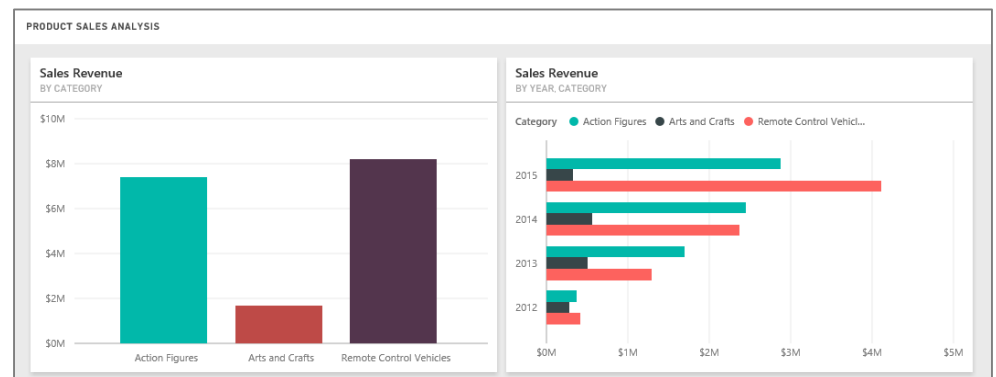 - ### Allows users to easily save visuals from query results
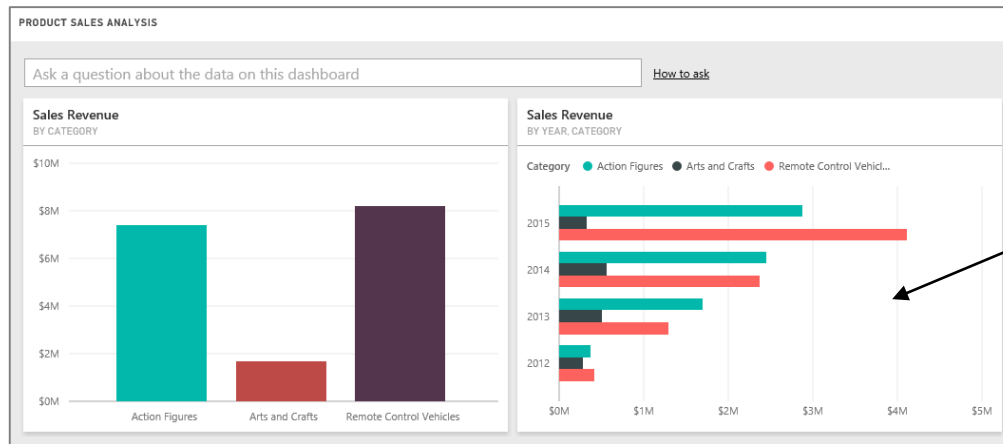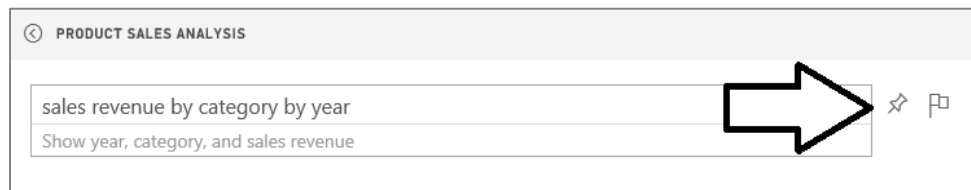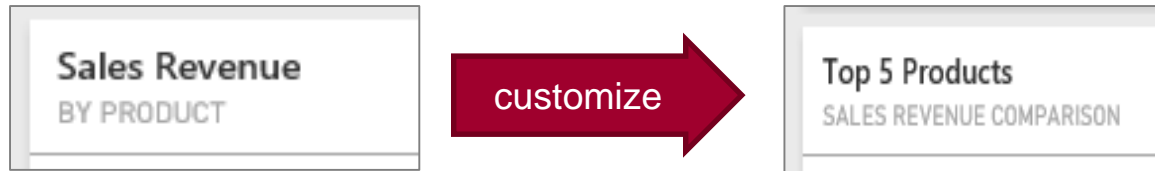

This tile was created from a visual on a report
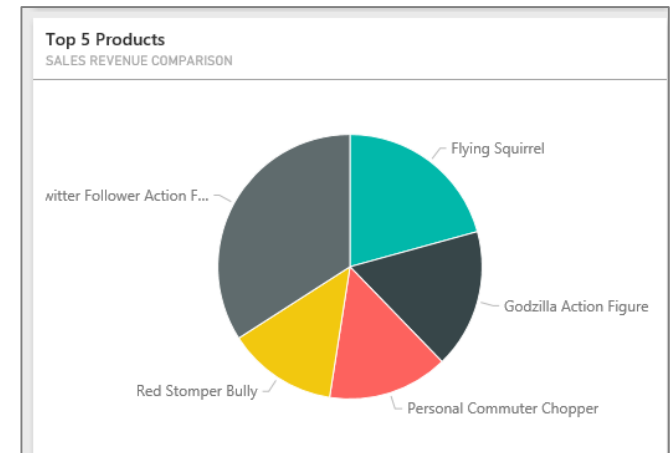
Removing the Q&A Search Box

Modifying Tile Details

- You can customize Title and Subtitle of tile
  - Default title and subtitle doesn't always provide enough clarity

Sales Revenue
BY PRODUCT

customize →

Top 5 Products
SALES REVENUE COMPARISON

  - Click on Edit title edit icon button

DEMO

Creating a Dashboard

Agenda

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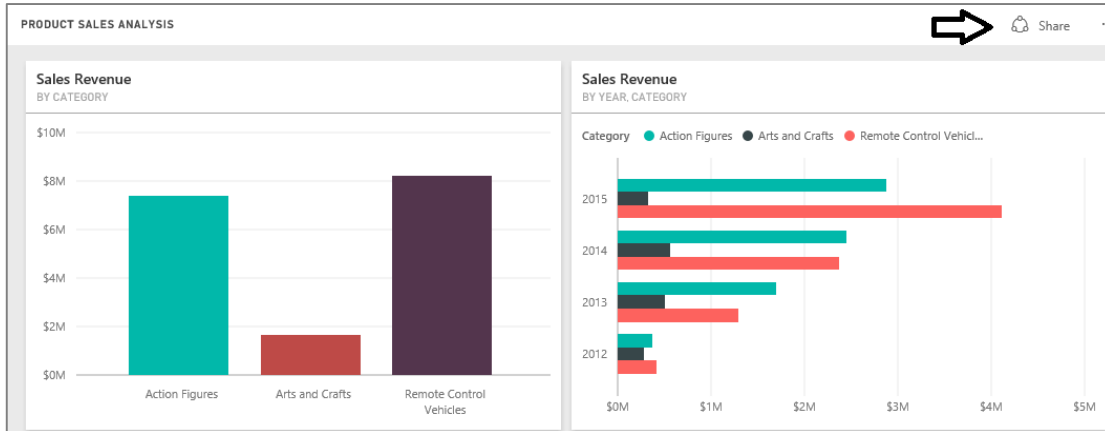- • Accessing Dashboards using Mobile Devices

Sharing Dashboards

- There are two types of Power BI workspaces
  - Personal workspaces
  - Group Workspaces
- To deploy reports and dashboards from a personal workspace
  - Create one or more reports in your personal workspace
  - Create a dashboard and pin report tiles to it
  - Share dashboard with other users
  - Dashboard sharing involves accepting invitation
  - Dashboard owner can see who has accepted invitation
- Deploying reports and dashboards from group workspace
  - Group workspace created using Unified Group in Office 365 tenant
  - Allows team of authors to work on a single BI project
  - Users can be added with authoring permission or read-only permissions

Sharing a Dashboard
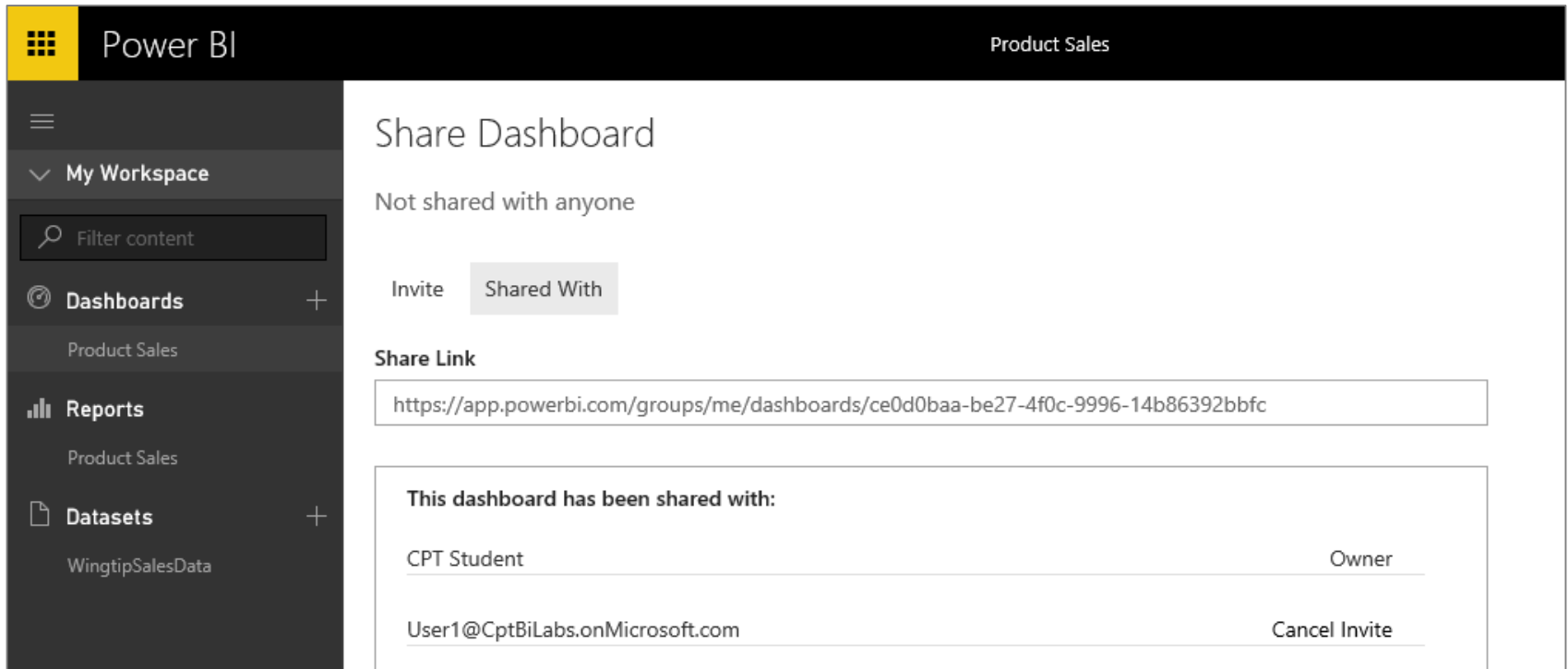
Viewing the Shared With List

Testing the Dashboard as a Consumer
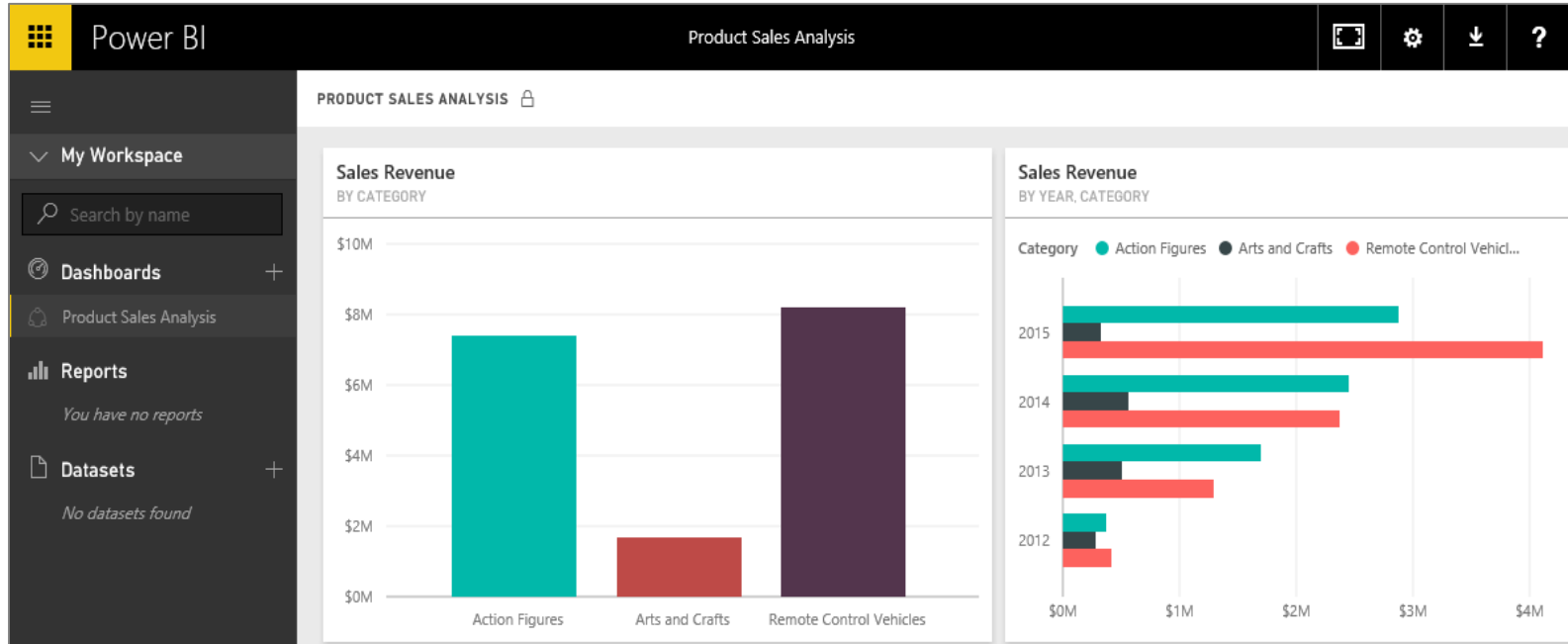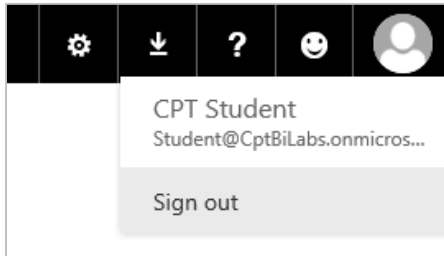
Drilling Down Into Reports

DEMO

Sharing a Dashboard

Agenda

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

Creating a Content Pack

Viewing and Managing Content Packs

- You can view existing content packs
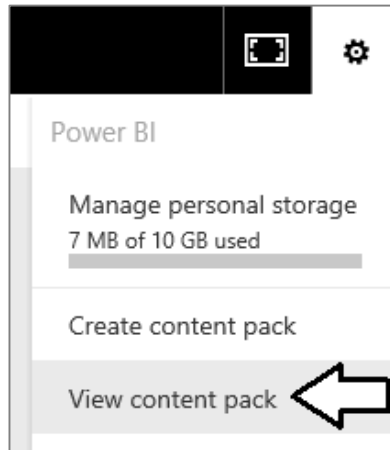
- You can delete a content pack or edit its properties

Creating a Group Workspace

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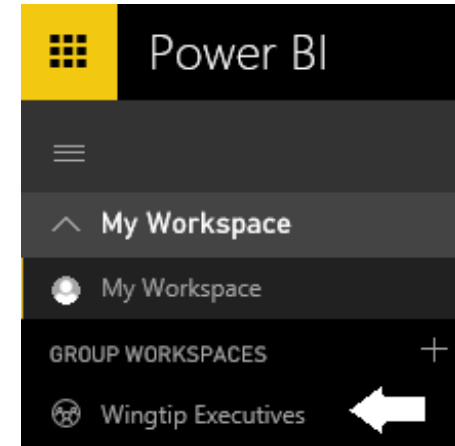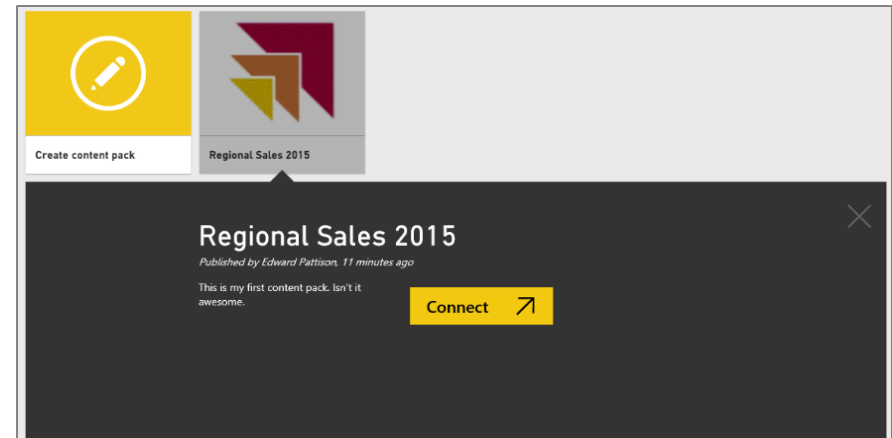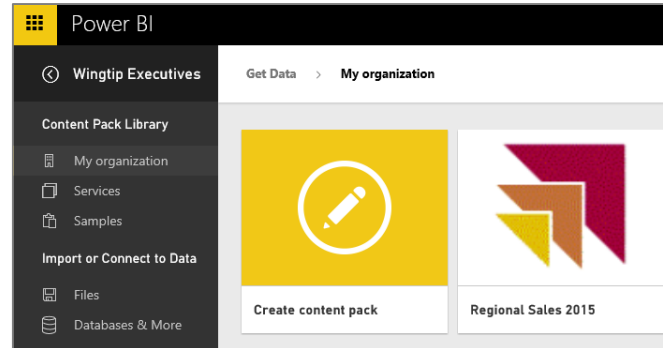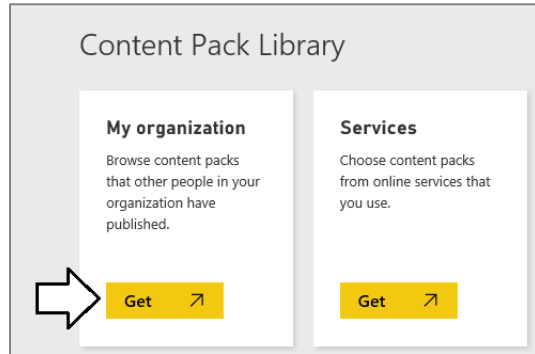 - Allow for shared authoring scenarios
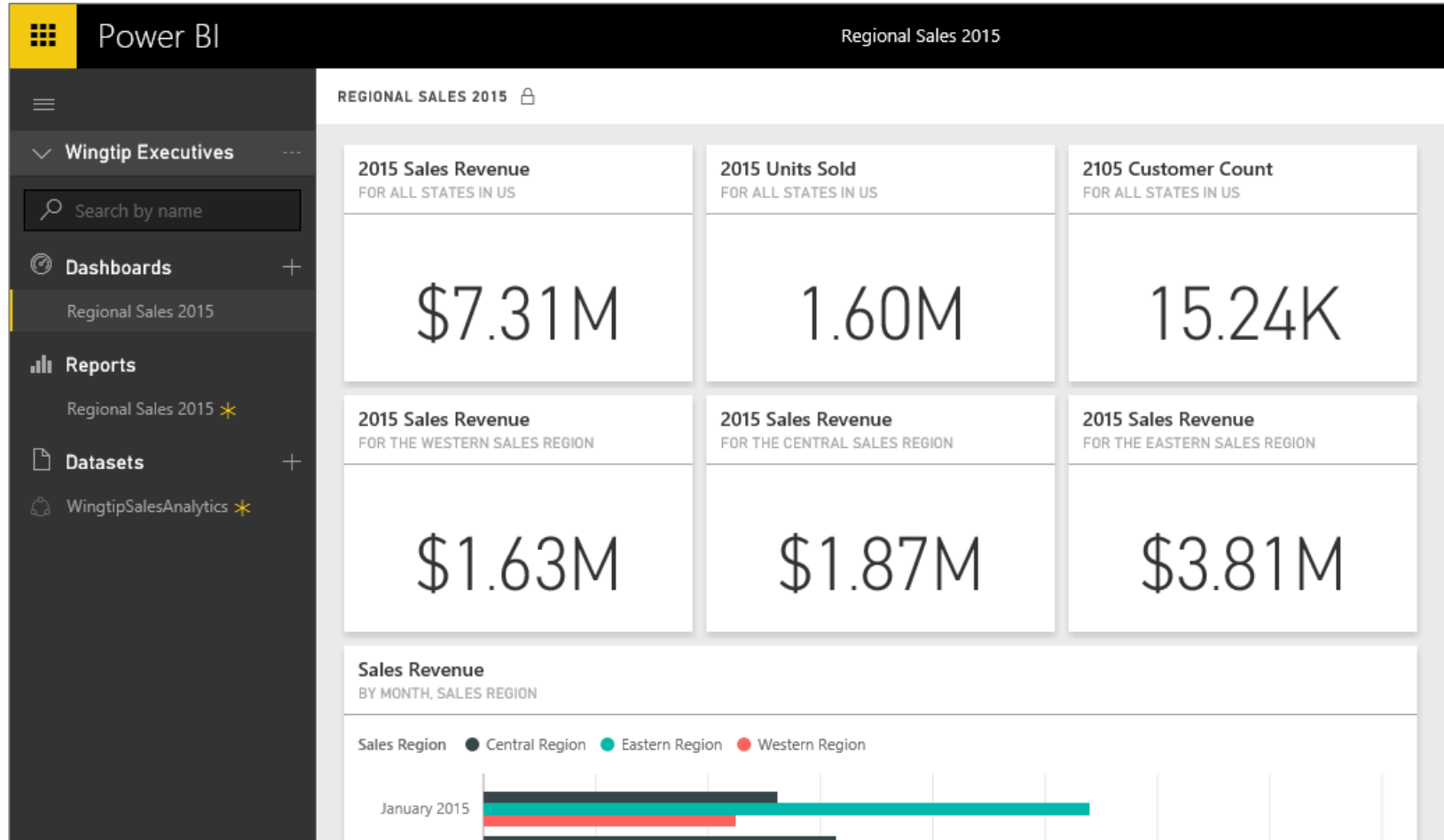
Switching Over to the Group Workspace

- Group workspace has its own collections
  - Dashboards
  - Reports
  - Datasets
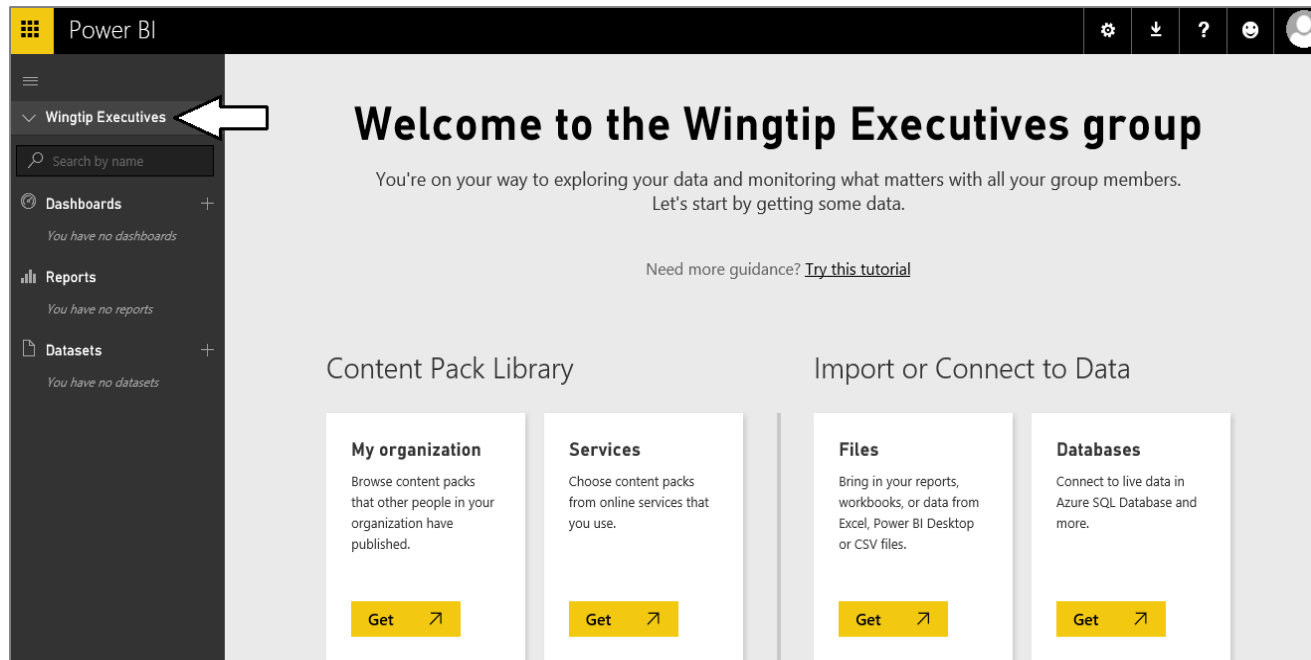
Activating a Content Pack
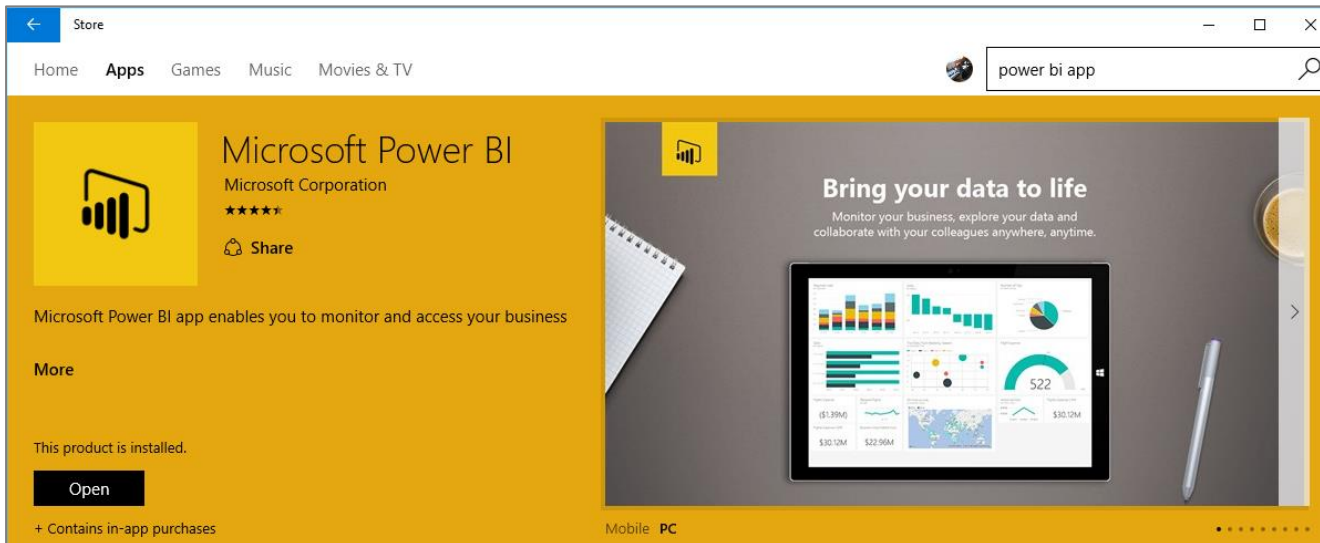
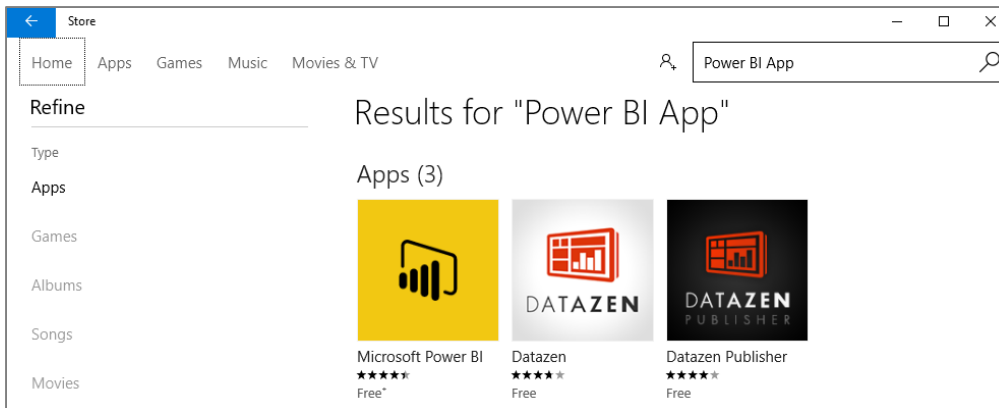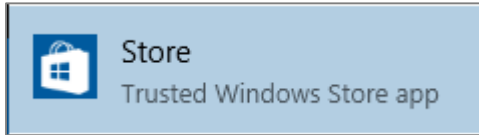# Content Pack Activates Dashboard

DEMO

Deploying a Dashboard using an Organizational Content Pack

Agenda

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

Discovering and Installing the Power BI App

Launching the Power BI App

Viewing a Dashboard

Drilling Down on a Tile

Viewing a Report

DEMO

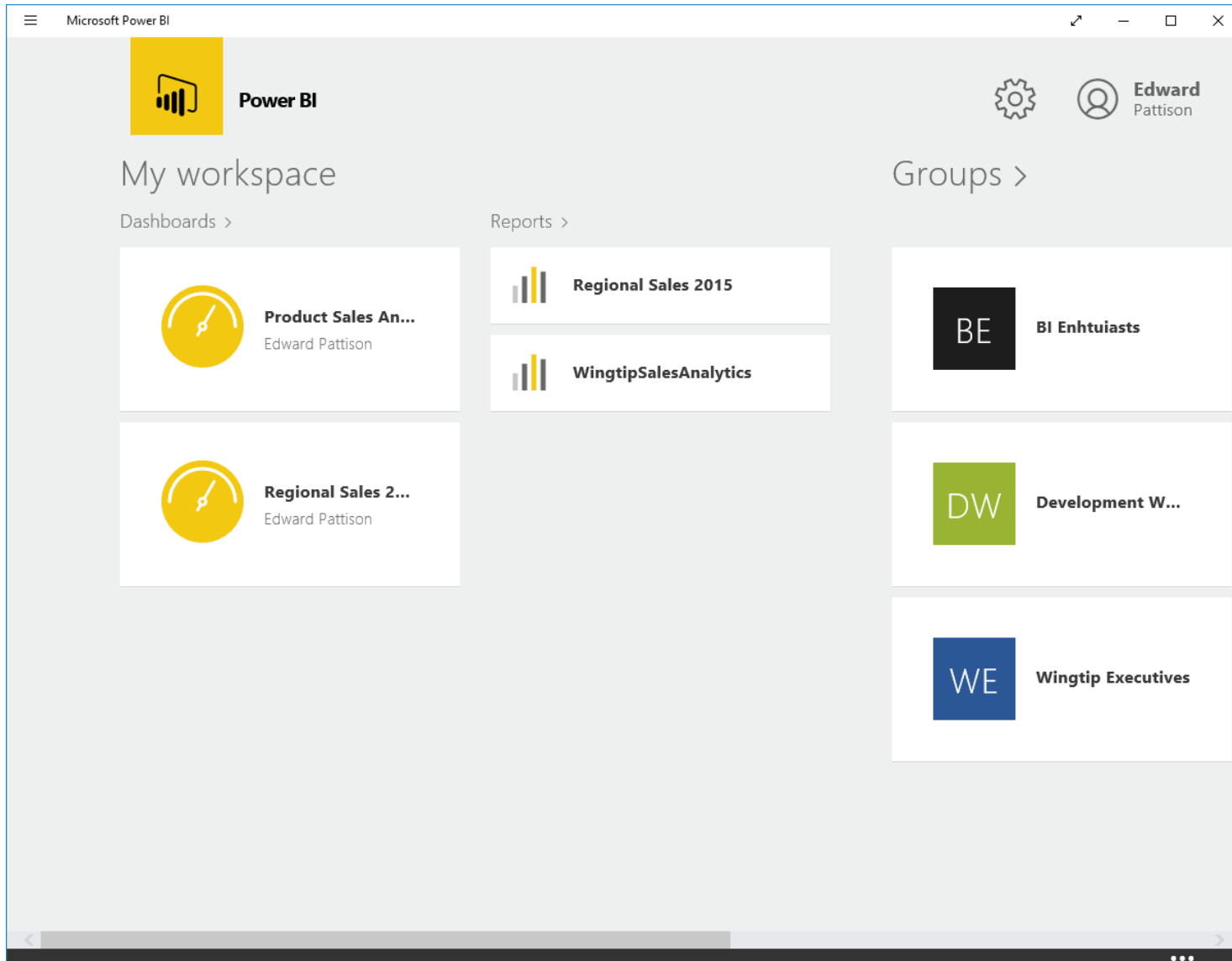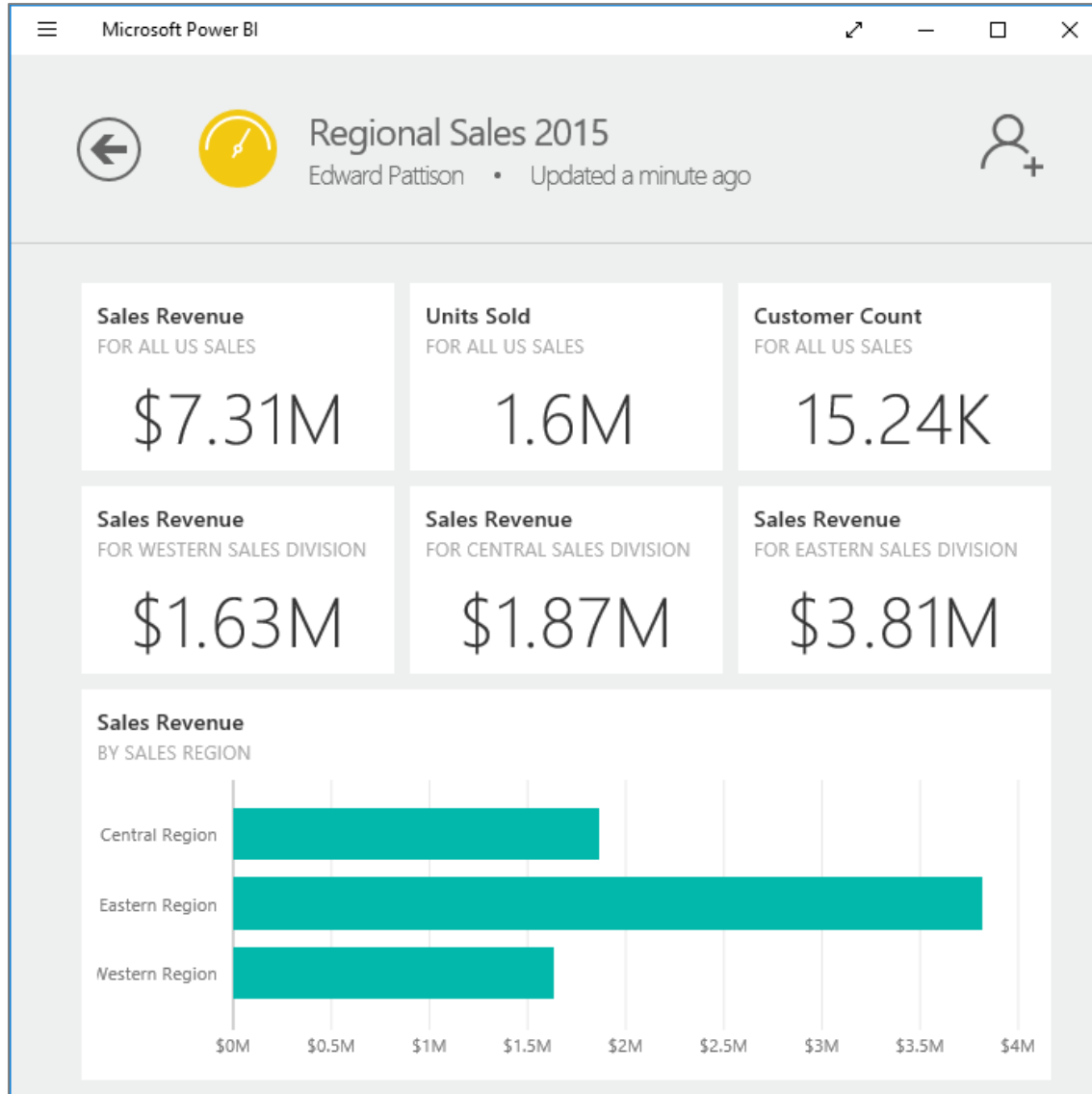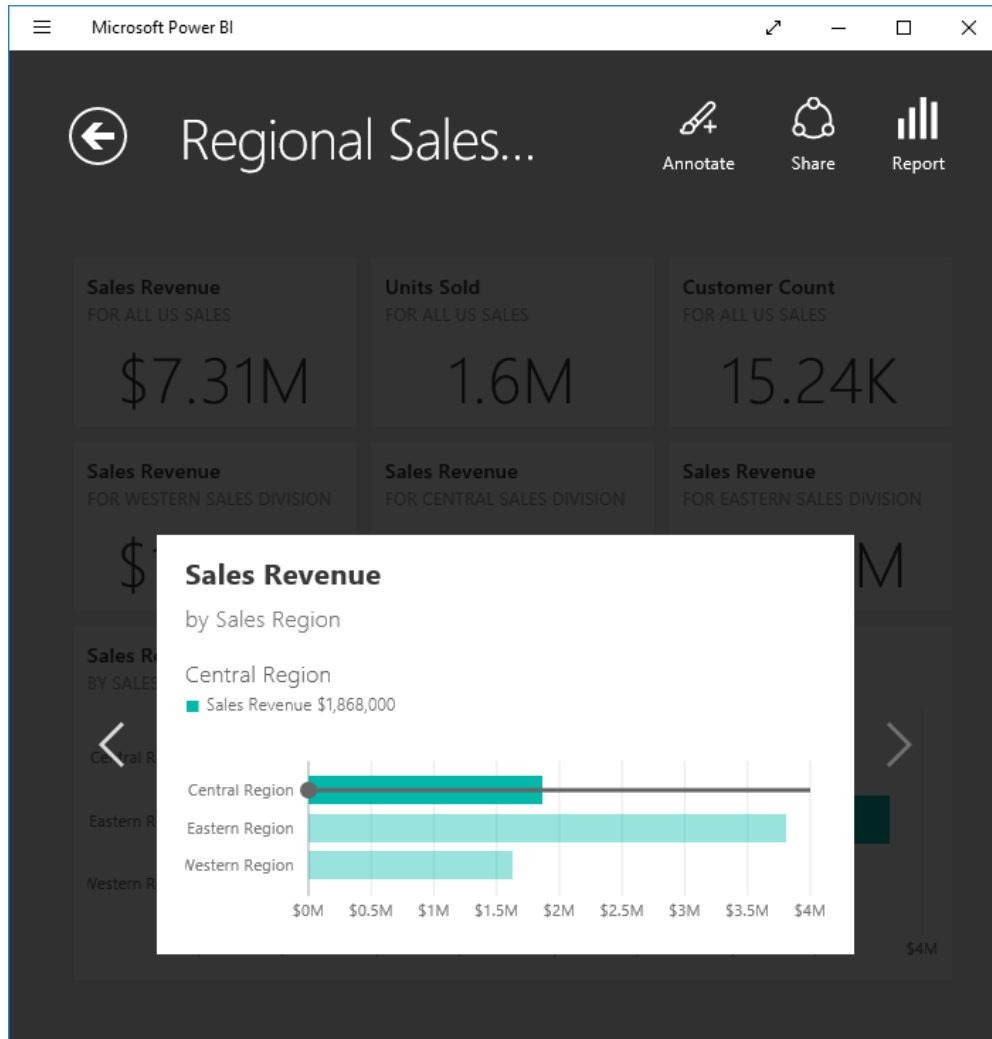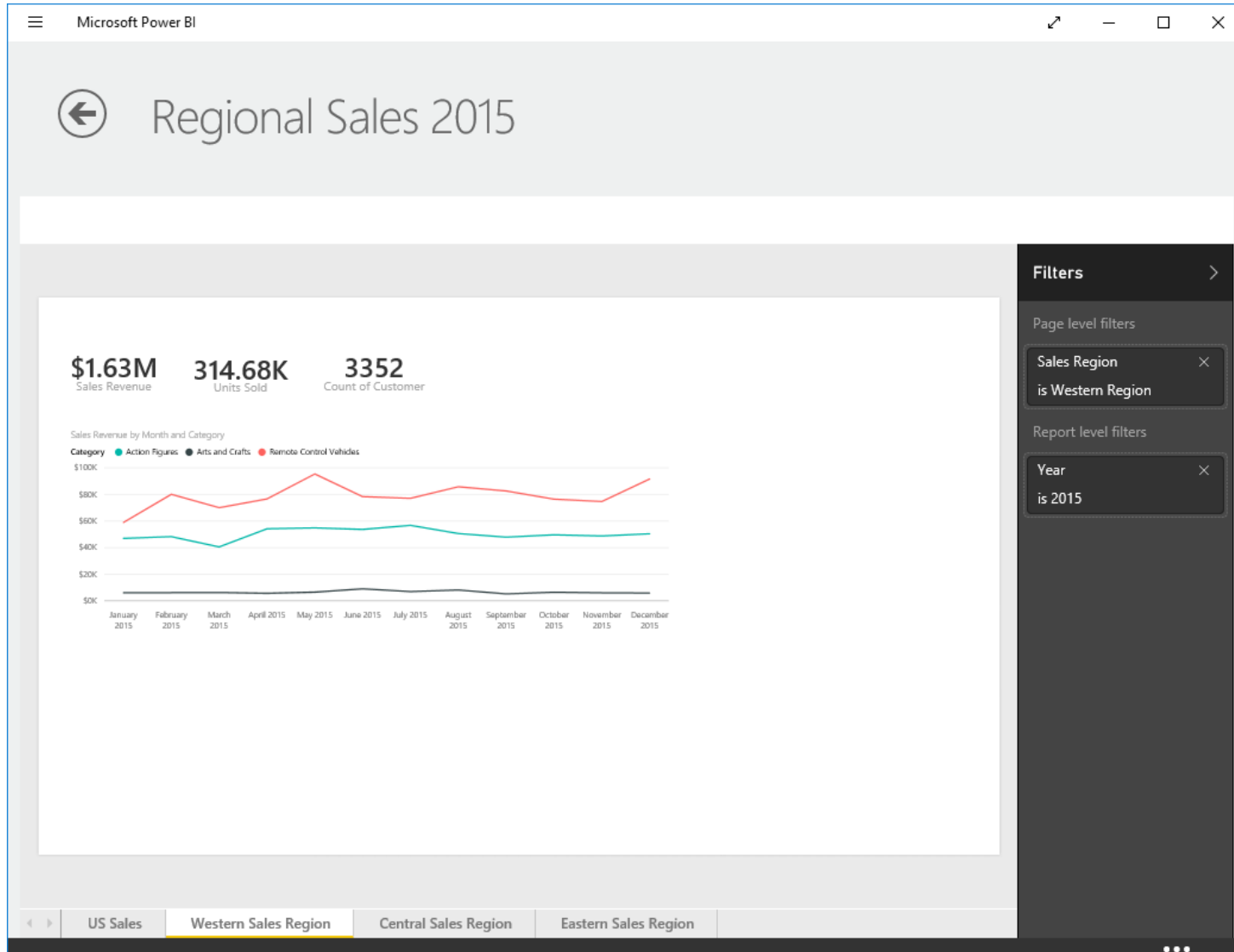**Viewing Dashboards and Reports using the Power BI App for Windows**

Summary

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