

Module 8

Power BI Mobile

Module Overview

- Power BI mobile apps
- Using the Power BI mobile app

Lesson 1: Power BI mobile apps

- Creating dashboards for mobile devices
- Power BI for iOS
- Power BI for Android
- Optimizing reports for mobile apps

Creating dashboards for mobile devices

- The Power BI app is available for phones and tablets running iOS, Android, or Windows 10
- View and interact with dashboards from any location
- Dashboards automatically fit to the screen size
- Power BI Pro users can create app workspaces with dashboards designed for mobile devices
- Background refresh supports use of offline data

Power BI for iOS

- Power BI for iOS works with iPhone, iPad, and Apple Watch
- View and interact with Power BI reports and dashboards, and SQL Server mobile reports and KPIs
- Download from Apple App Store
- View dashboards in landscape mode for the same experience as viewing on the Power BI service portal
- Annotate and share tiles with colleagues
- Scan QR codes to open tiles directly
- Set up data alerts on single figure tiles: set above and below values to be alerted when value goes outside the boundaries

Power BI for Android

- Power BI for Android app is designed for Android phone users
- View and interact with Power BI reports and dashboards
- Download from Google Play
- View dashboards in landscape mode for the same experience as viewing on the Power BI service
- Annotate and share tiles with colleagues
- Scan QR codes to open tiles directly

Optimizing reports for mobile apps

- Creating dashboard views for mobile devices:
 - In the Power BI service, toggle Web view to Phone view
 - Changes propagate immediately
- Creating report views for mobile devices:
 - In Power BI Desktop, open Report View, and then click Phone Layout
 - Publish main report from Power BI Desktop to publish mobile version
- Planning for mobile-specific report layouts:
 - Optimize only the pages that require a mobile layout
 - Cannot modify formatting settings for just mobile devices

Demonstration

You will see how to:

- Create a phone layout for a report in Power BI Desktop
- Create a phone view for a dashboard in Power BI service

Lesson 2: Using the Power BI mobile app

- Creating and viewing on-premises reports
- Annotating and sharing content
- Taking mobile content offline
- Using data alerts

Creating and viewing on-premises reports

- Use Power BI mobile apps to view on-premises reports and KPIs
- Create as SQL Server Reporting Services mobile reports using SQL Server Mobile Report Publisher, optional phone layout
- Publish reports to a SQL Server Reporting Services web portal
- View reports in Power BI mobile app:
 - Select **Connect to server** using format:
http://<servername>/reports or
https://<servername>/reports

Annotating and sharing content

- Share a snapshot of a tile, report, or visualization from the Power BI mobile app as a mail message:
 - For iOS, Android, and Windows 10 devices
 - Snapshot shows the information when mail was sent
 - Email includes a link to the source tile, report, or visualization
 - To access source, recipient must have permissions and dashboard or report must be shared
- In the iOS and Android apps, you can also add annotations, including lines, text, and stamps, to the snapshot before it is shared

Taking mobile content offline

- Power BI mobile app supports offline content:
 - Automatically caches dashboards in your My Workspace and dashboards viewed in previous two weeks
 - Indicators show that you are using offline data
- Background data refresh:
 - Cached data is automatically refreshed with data on the Power BI service (not the data source), whenever your device is connected to a network:
 - Wi-Fi network: background refresh every two hours
 - Mobile data network: background refresh every 24 hours
- Limitations:
 - Access to Power BI reports is read-only
 - You cannot filter, cross filter, sort, or use slicers

Using data alerts

- Notification information feed:
 - Messages about new dashboards that have been shared with you
 - Information about Power BI events and meetings
 - Alerts that you have set
- Alerts:
 - Set in Power BI service or Power BI mobile apps
 - Used to notify you when data in a dashboard changes beyond particular limits
 - Alerts are personal to you, and are not shared with other users

Power BI Community

- Register with unique username, password, and email address
- Free to join
- Sections:
 - Forums
 - Ideas
 - Events
 - User groups
 - Community blog

Course Evaluation

- Your evaluation of this course will help Microsoft understand the quality of your learning experience.
- Please work with your training provider to access the course evaluation form.
- Microsoft will keep your answers to this survey private and confidential and will use your responses to improve your future learning experience. Your open and honest feedback is valuable and appreciated.