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