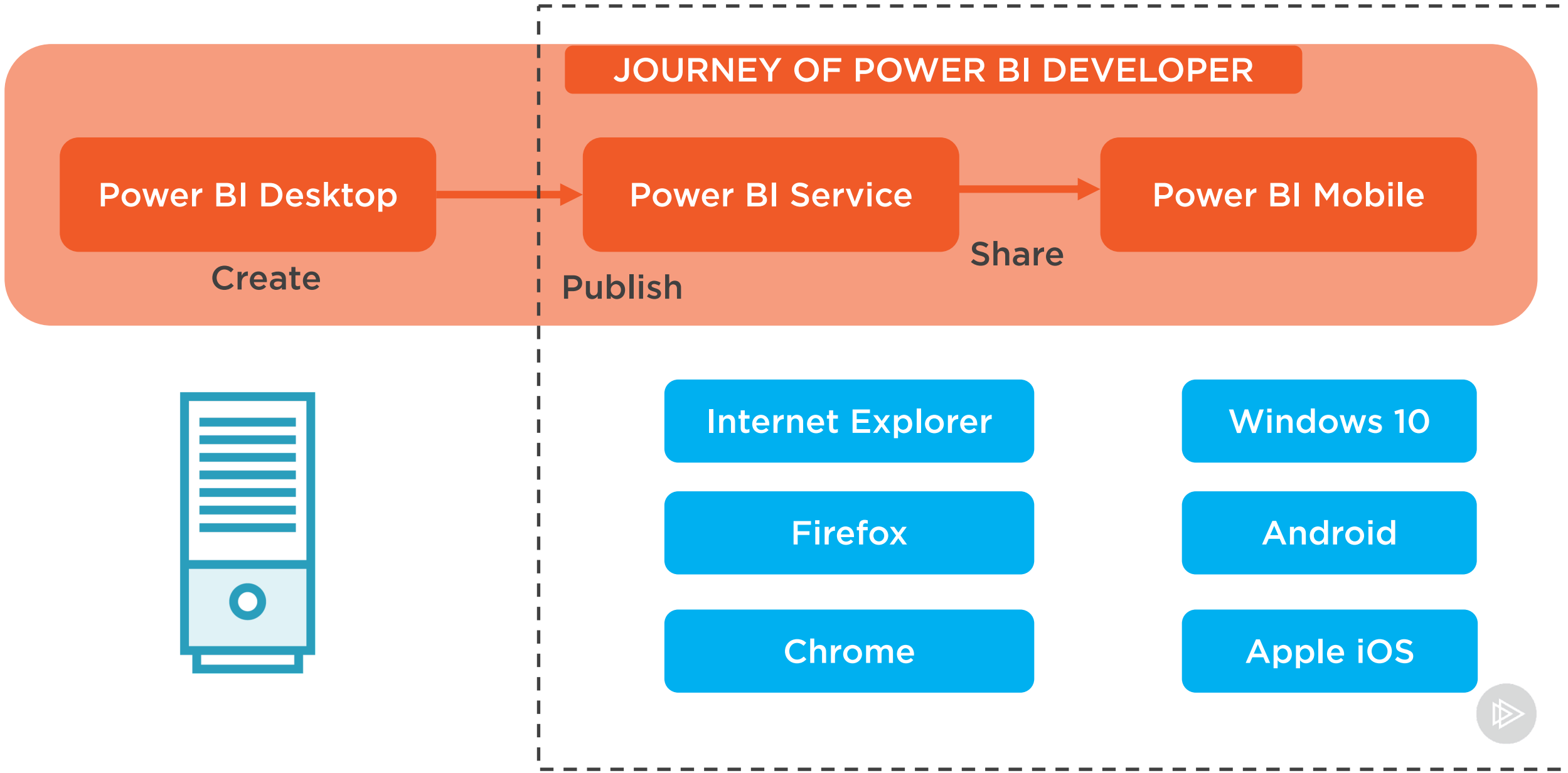
Build a Basic Dashboard Using Power BI

Ranjan Relan
DATA & TECH STRATEGY CONSULTANT

@rrelan2

Module Introduction



Let us discuss cloud-based Power BI service

Power BI Service

Power BI Service

Cloud Based Free version

Power BI Pro

Cloud Based Paid version (Low Cost)

Power BI Premium

Cloud Based Paid version (High Cost)

iPhone, iPad

Android Phone and Tablet

Windows 10

QR code for dashboards

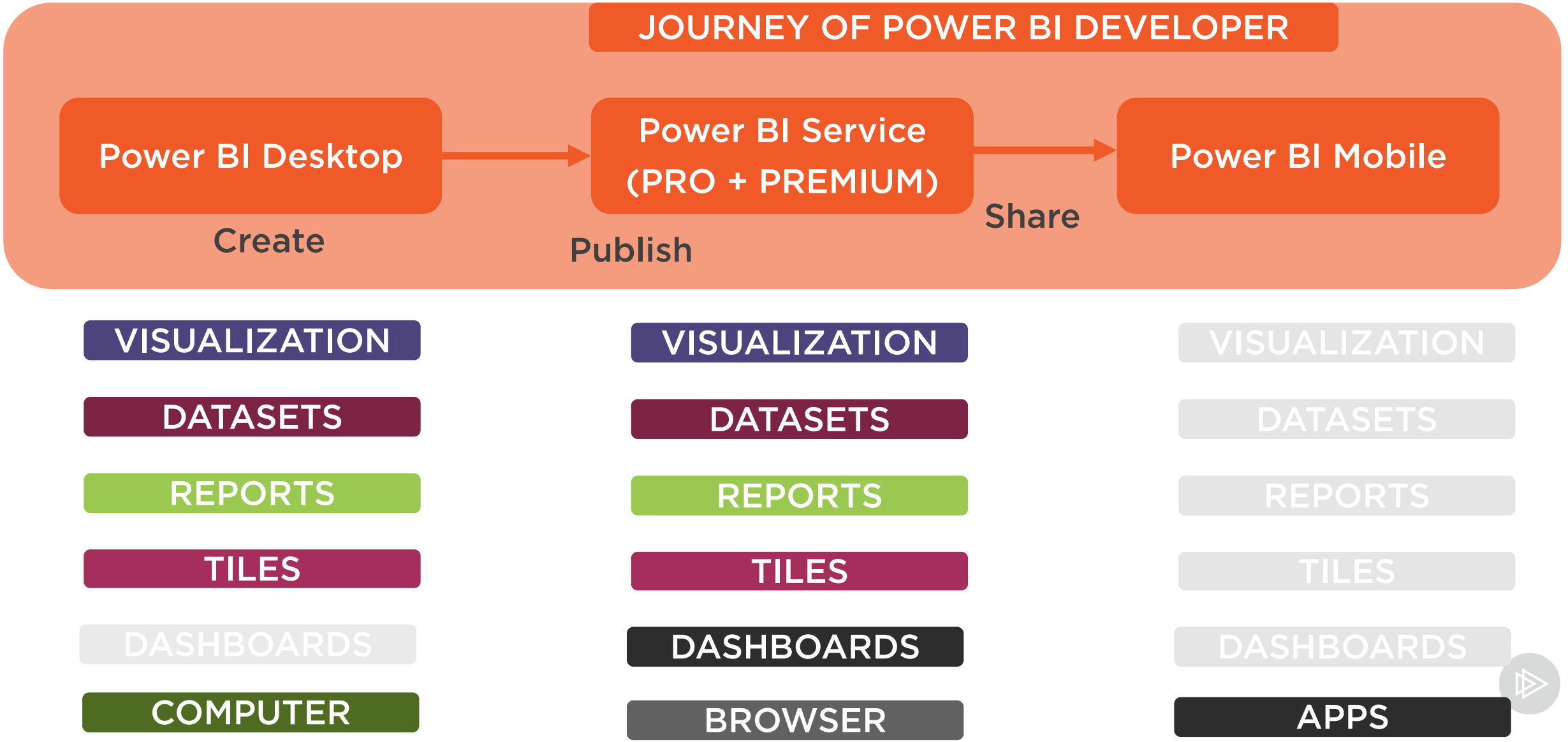
View Reports

View Dashboards

Report and Dashboards creation not allowed

Compare and Contrast Power BI Desktop, Service and Mobile

Comparison


JOURNEY OF POWER BI DEVELOPER
Power BI Desktop
Create
Power BI Service
(PRO + PREMIUM)
Publish
Share
Power BI Mobile
VISUALIZATION
DATASETS
REPORTS
TILES
DASHBOARDS
COMPUTER
VISUALIZATION
DATASETS
REPORTS
TILES
DASHBOARDS
BROWSER
VISUALIZATION
DATASETS
REPORTS
TILES
DASHBOARDS
APPS

Two Things to Note

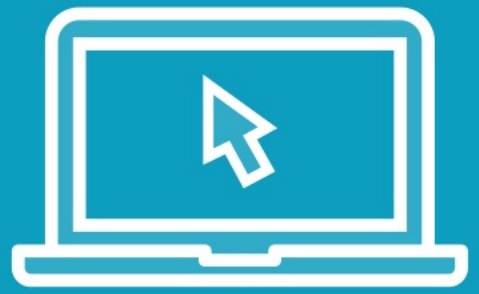
Dashboard

Summary of all reports, create in cloud and view in mobile app

Reports

Export it from Power BI Desktop or Design a New Report

Demo



Publish to Power BI Service

- Build your pbix file
- Publish to Power BI Service
- Understand My workspaces

Power BI Pro: Reports

Reports in Power BI Service (Pro + Premium)

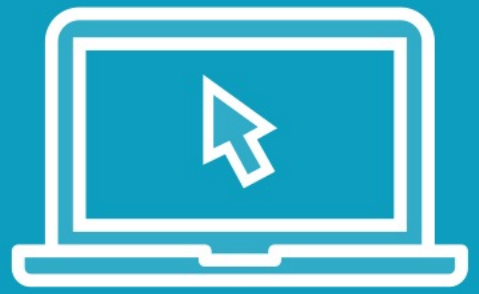
View

View & access reports built in Power BI Desktop on Power BI Service (Pro + Premium)

Build

Build a new report in Power BI Service (Pro + Premium)

Demo



Design Power BI Service Reports

- Explore an existing Report
- Build a new Report

Power BI Pro: Dashboard

Dashboard is a single page which tells a story through visualizations

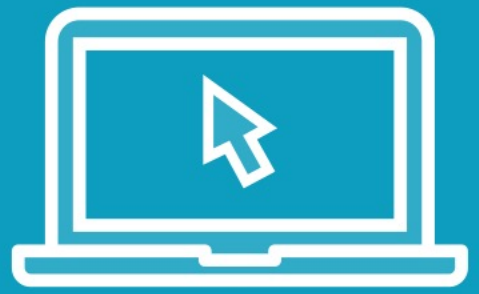
Dashboard Landscape

	Power BI Desktop	Power BI Service	Power BI Mobile
BUILD	✗	✓	✗
VIEW	✗	✓	✓
SHARE	✗	✓	✓

Difference between Dashboard and Reports

	Dashboards	Reports
Pages	One Page	One or Multiple Pages
Dataset	One or more dataset	Single Dataset
Filter	Not Allowed	Allowed
Desktop	Not Available	Available
Featured	Available	Not Available

Demo



Design Power BI Dashboard

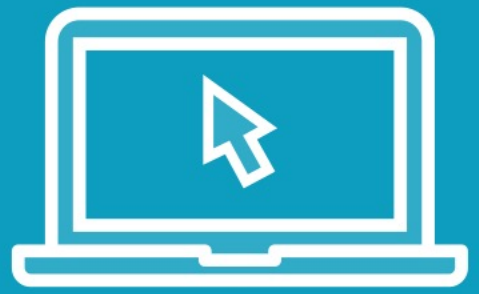
- Build a new dashboard
- Edit existing dashboard
- Featured Dashboards

Export, Subscribe & Download: Reports and Dashboards

Export, Subscribe & Download (Power BI Service)

	EXPORT	SUBSCRIBE	DOWNLOAD
REPORT	PPT, PDF, EXCEL	✓	✓
DASHBOARD	PDF	✓	✗

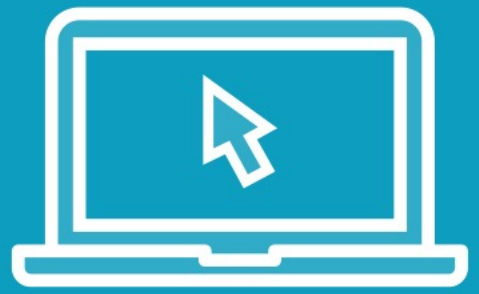
Demo



Power BI Service : Reports & Dashboard

- Export
- Subscribe
- Download

Demo



Power BI Service : Reports & Dashboard

- Export
- Subscribe
- Download

Workspaces in Power BI

Workspaces in Power BI Service (Pro + Premium)

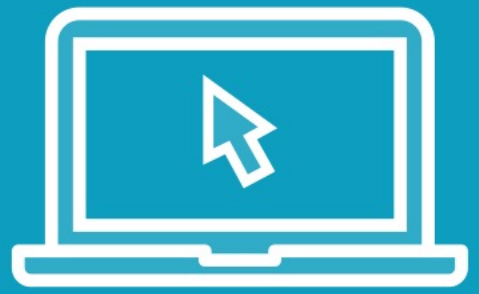
My Workspaces

It is for single user where you can share your reports & dashboards but “CANNOT” collaborate

Other Workspaces

It is for “MULTI” user where you can share your reports & dashboards and “CAN” collaborate

Demo



Power BI Service : Workspaces

- My Workspaces
- Create New Workspace

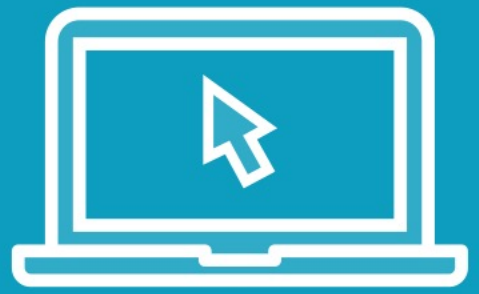
View, Share & Collaborate: Datasets, Reports and Dashboards

View, Share and Collaborate

	Power BI (Pro + Premium)	
	My Workspace	Other WS
VIEW DATASET		
VIEW REPORT		
VIEW DASHBOARD		
SHARE DATASET		
SHARE REPORT		
SHARE DASHBOARD		
COLLABORATE DATASET		
COLLABORATE REPORT		
COLLABORATE DASHBOARD		

In the next few minutes, we shall discuss the above template

Demo



View, Share & Collaborate

- Datasets
- Reports
- Dashboards

View, Share and Collaborate

	Power BI (Pro + Premium)	
	My Workspace	Other WS
VIEW DATASET	✓	✓
VIEW REPORT	✓	✓
VIEW DASHBOARD	✓	✓
SHARE DATASET	✓	✓
SHARE REPORT	✓	✓
SHARE DASHBOARD	✓	✓
COLLABORATE DATASET	✗	✗
COLLABORATE REPORT	✗	✓
COLLABORATE DASHBOARD	✗	✓

Reports, Dashboards and Workspaces

Reports, Dashboards and Workspaces

Reports

Collection of Pages which has visualizations

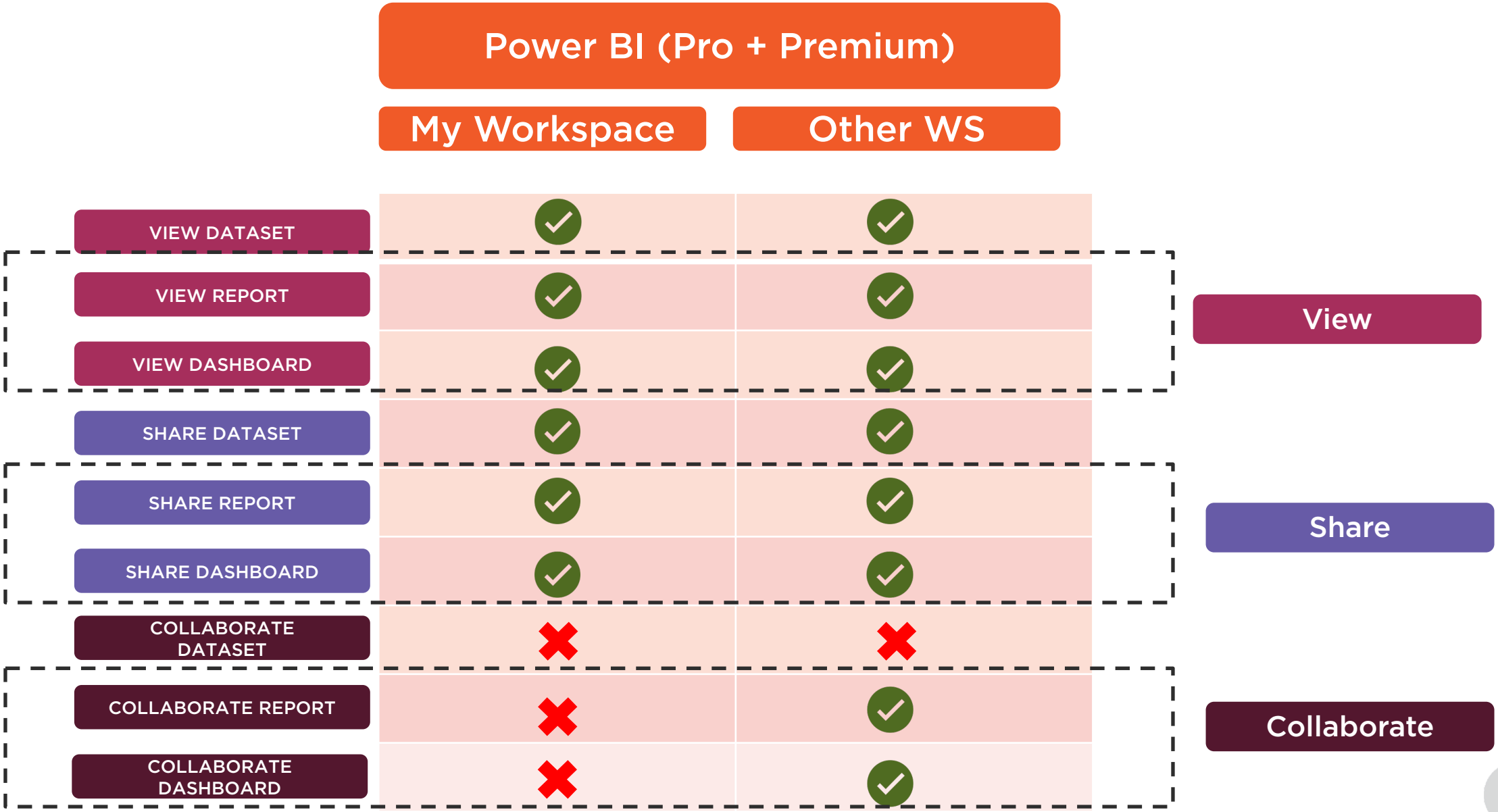
Dashboards

Single Page which is static in nature

Workspaces

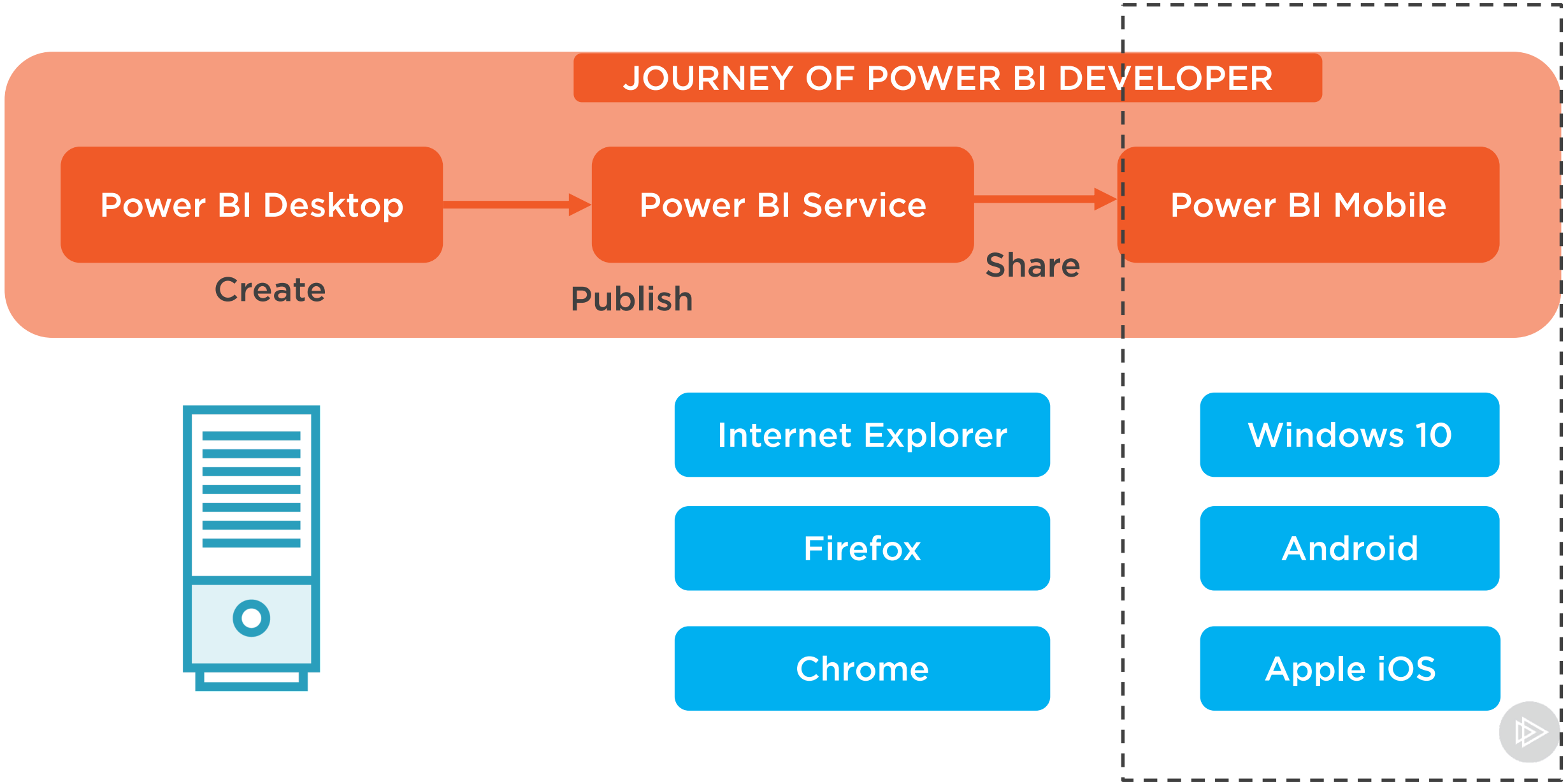
You can view and share reports in workspaces, however collaboration is restricted and is not allowed in my workspaces

Reports, Dashboards and Workspaces

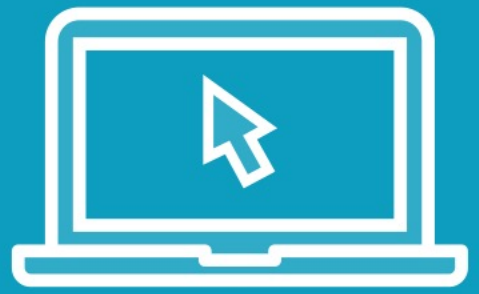


Power BI Mobile

Module Introduction



Demo

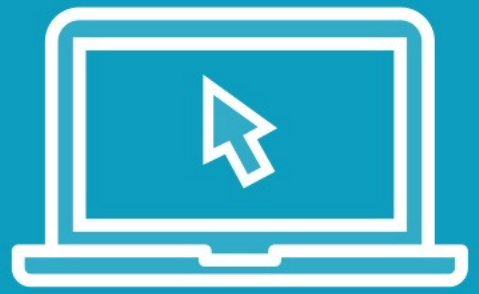


Power BI Mobile

View, Share and Collaborate

	Power BI (Pro + Premium)		Power Mobile
	My Workspace	Other WS	
VIEW DATASET	✓	✓	✗
VIEW REPORT	✓	✓	✓
VIEW DASHBOARD	✓	✓	✓
SHARE DATASET	✓	✓	✗
SHARE REPORT	✓	✓	✓
SHARE DASHBOARD	✓	✓	✓
COLLABORATE DATASET	✗	✗	✗
COLLABORATE REPORT	✗	✓	✗
COLLABORATE DASHBOARD	✗	✓	✗

Demo



Apps

- Gets Apps
- Publish your own App