


INTRODUCTION TO POWERAPPS

& Integration with Power BI

Prathy Kamasani

- London based Power BI consultant
- Microsoft Valuable Professional (MVP)
- London Power BI user group organiser
- Amateur painter and a professional selfie taker

 @pkamasani

 <http://prathy.com/>

 prathy@outlook.com



INTRODUCTION TO POWERAPPS

& Integration with Power BI

AGENDA

- Microsoft Power Platform and PowerApps
- How to create a Canvas App in PowerApps
- Power BI and PowerApps integration
 - Embedding PowerApp in Power BI
 - Using PowerApp as a data entry/write back application for Power BI

POWER PLATFORM

POWER PLATFORM

PowerApps

Build apps in hours, not months, that easily connect to data, use Excel-like expressions to add logic, and run on the web, iOS, and Android devices

Power BI

Make sense of your data through interactive, real-time dashboards and unlock the insights needed to drive your business forward.

Microsoft Flow

Include powerful workflow automation directly in your apps with a no-code approach that connects to hundreds of popular apps and services.

POWER PLATFORM

An app platform to put your data to work

PowerApps

Build apps in hours, not months, that easily connect to data, use Excel-like expressions to add logic, and run on the web, iOS, and Android devices

Power BI

Make sense of your data through interactive, real-time dashboards and unlock the insights needed to drive your business forward.

Microsoft Flow

Include powerful workflow automation directly in your apps with a no-code approach that connects to hundreds of popular apps and services.

POWERAPPS

PowerApps



License

PowerApps for Office 365 License



Excel Like Formulas

Functions, Signals, Enumerations, Name Operators ...



Cross Platform

Mobile - Desktop - Web



Extensive Data Connections

Existing connectors and Custom connectors

Pricing

O365

Create canvas apps

Standard connectors only

Connect O365 and Cloud data

Office 365 plans

Plan 1

Create canvas and model-driven apps

Run canvas apps only

Run canvas apps used CDS

Includes Flow plan 1

\$7

Plan 2

Create canvas and model-driven apps

Run canvas and model-driven apps

Run canvas apps and model driven apps used CDS

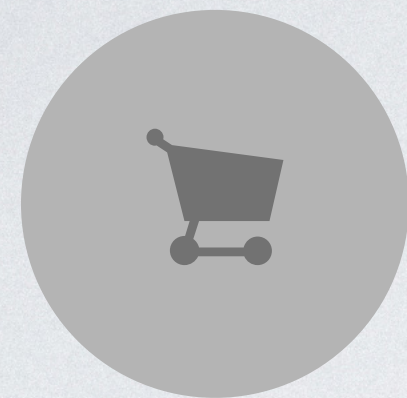
Includes Flow plan 2

Environments support

\$40

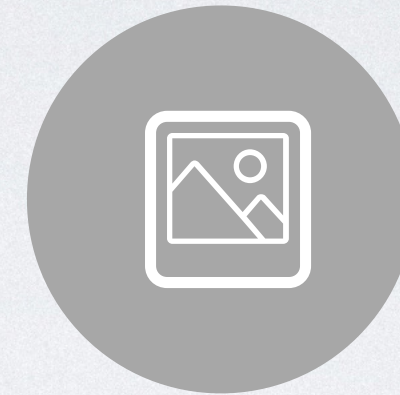
<https://docs.microsoft.com/en-us/power-platform/admin/pricing-billing-skus>

PowerApps



License

PowerApps for Office 365 License



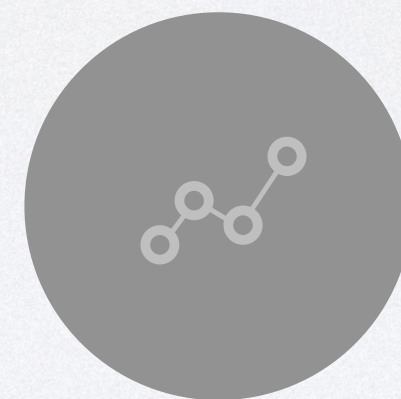
Excel Like Formulas

Functions, Signals, Enumerations, Name Operators ...



Cross Platform

Mobile - Desktop - Web



Extensive Data Connections

Existing connectors and Custom connectors

Creating the first App

- Canvas apps - start with data
- Model-driven apps - start with data model

CREATING CANVAS APP

Creating Canvas App

- From a Sharepoint list
- From Power BI Report
- From Data
- From Template
- From CDS
- From Blank

Creating Canvas App

- **From a Sharepoint list**
- From Power BI Report
- From Data
- **From Template**
- From CDS
- **From Blank**

DEMO

PowerApps & Power BI

Use cases:

- Write back
- Comments
- Adjustments
- Reference data management
- Many more

PowerApps embedded in Power BI

As of yet,

- PowerApp editing option is available only in the Power BI Service not in Power BI Desktop
- Power BI Integrated Data in PowerApps cannot be viewed as a standalone app when using PowerApp Web Link
- Choosing existing canvas App doesn't come with pre-mapped gallery object
- New Power BI Refresh function is available only with new Power BI Canvas App option
- Power BI embedded PowerApp canvas app and Power BI model has to be shared separately

Summary

Quick and easy

Versions and environments

Only one user can edit an App at a time

Remember data types and primary keys

THANKS :)



@pkamasani



<http://prathy.com/>



prathy@outlook.com

REFERENCES

Powerapps license:

<https://docs.microsoft.com/en-us/power-platform/admin/pricing-billing-skus>

<https://jussiroine.com/2019/01/the-comprehensive-licensing-guide-to-microsoft-flow-and-powerapps/>

<https://powerapps.microsoft.com/en-us/pricing/>

<https://powerapps.microsoft.com/en-us/blog/business-model-may/>

PowerApps Tips and tricks:

https://www.youtube.com/watch?v=BVFSUDKH8Q4&ab_channel=MicrosoftDeveloper

https://www.youtube.com/channel/UC7_OGRP8BYvtGB8eZdPG6Ng?&ab_channel=ShaneYoung