Microsoft PowerApps for End User

Presenter

Mohammed Arif, PhD
Lead Data Scientist
Big Data | Machine Learning | AI

Mohammed Arif has more than fifteen (15) years of working experience in Information Communication and Technology (ICT) industry. The highlights of his career are more than six (7) years of holding various senior management and/or C-Level and had five (5) years of international ICT consultancy exposure in various countries (APAC and Australia), specially on Big Data, Data Engineering, Machine Learning and AI arena.

He is also Certified Trainer for Microsoft & Cloudera.

in /arifmazumder

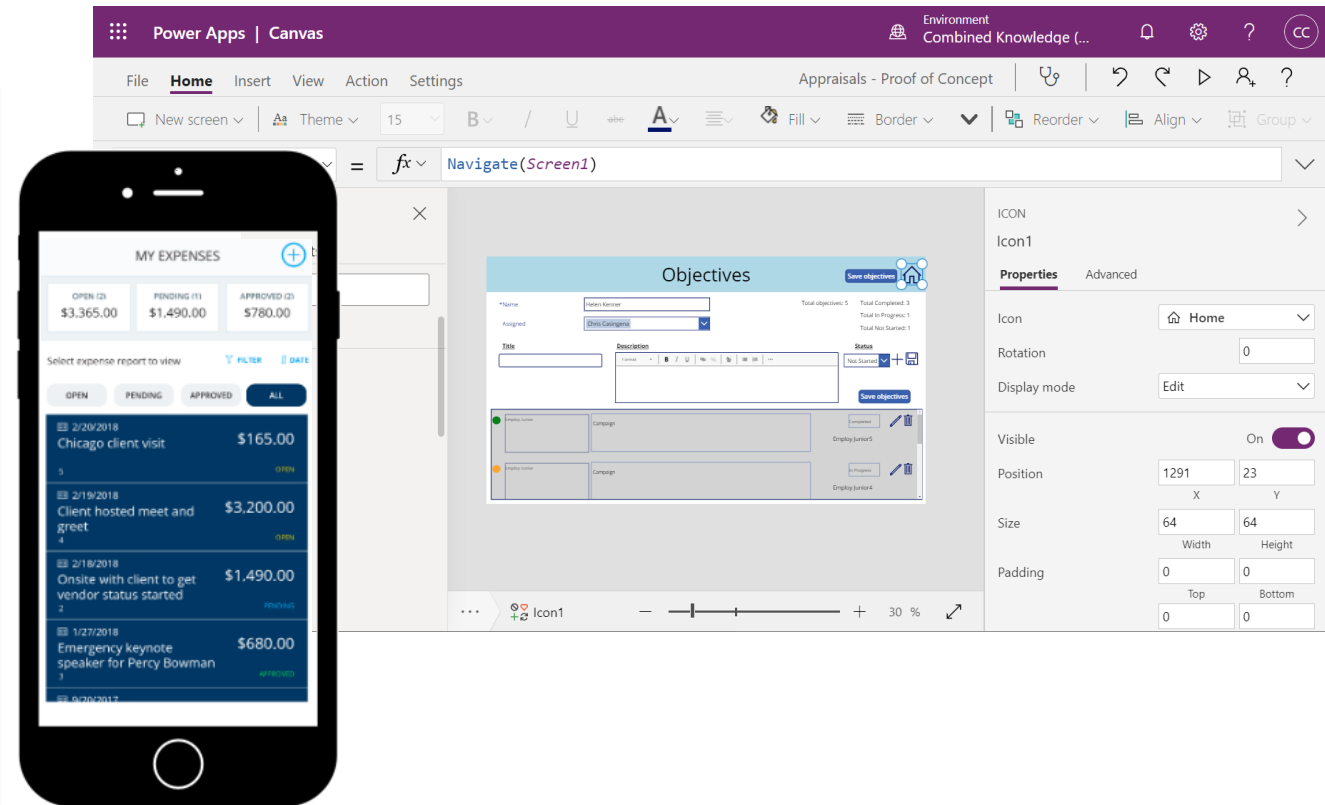Resource Link

http://arif.works/mspa/

Topics

- What is Power Apps?
- The benefits of Power Apps
- Power Apps components
  - Browser
  - Mobile app
  - Admin center
- Canvas apps, Model-driven apps and Portals
- Power Apps licensing
- Templates

What is Power Apps?

- Think about the apps on your phone and their purpose
- Power Apps assists you in creating business apps
- Designed for desktop or mobile devices
- Customise SharePoint forms
- Runs as a service within Microsoft 365
- For simple forms and quiz's consider using Microsoft Forms

The benefits of Power Apps

- Fast development process – build simple apps in minutes
- Create apps for your own use or to share with your colleagues
- Optimised for mobile devices (use their hardware)
  - GPS Location
  - Camera
  - Microphone
  - And more!
- Connect to 100's of business systems to display, create, edit and delete information including, SharePoint, Excel Online and SalesForce (Premium)
- A large range of building blocks, known as *controls* give you the chance to be creative and build specific apps relevant to your requirements

Power Apps components

- Web browsers
  - www.office.com
  - make.powerapps.com
  - Build apps
  - Consume apps
  - Integrate apps with other services

- Windows Store app
  - View shared apps
  - Great for laptops and desktops
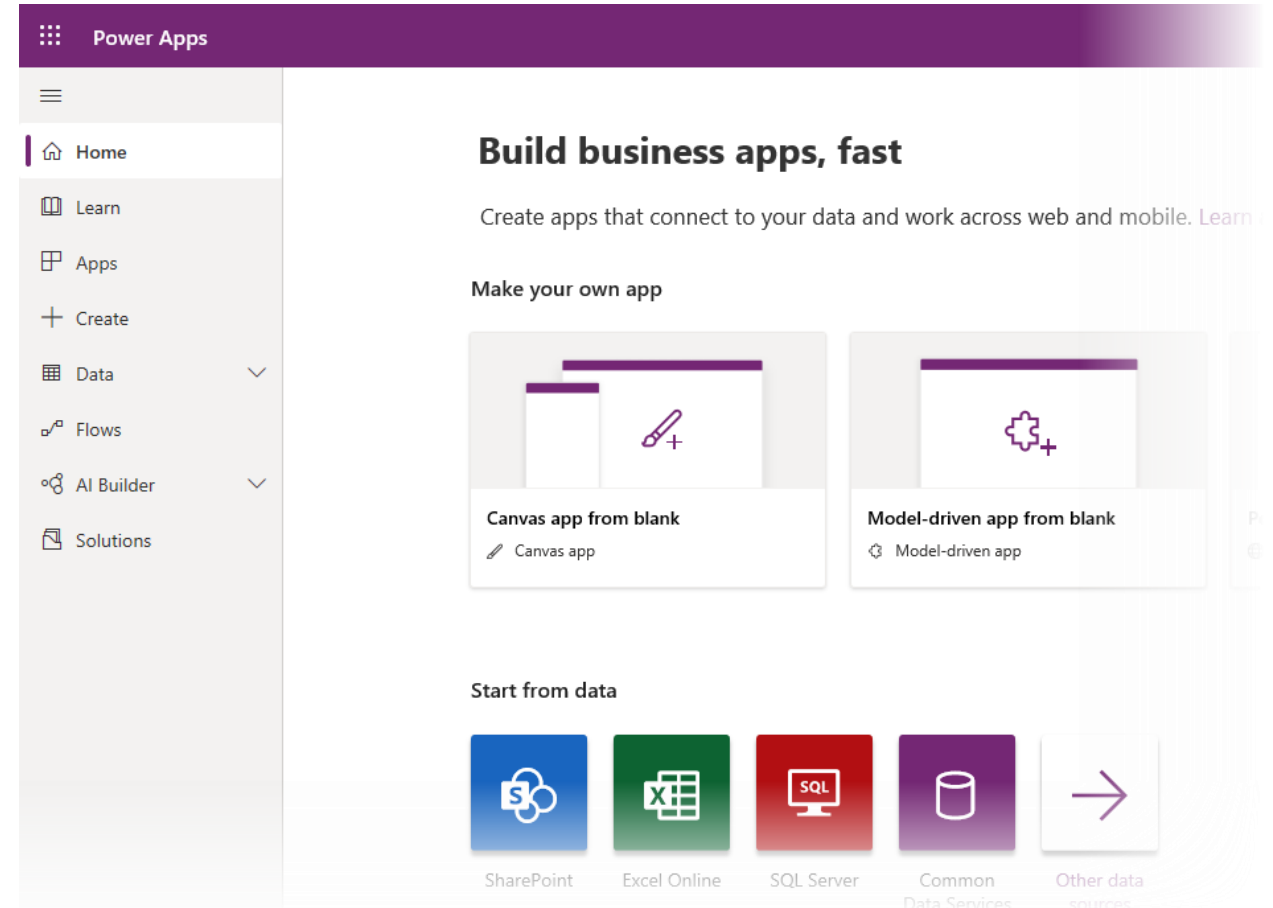 - Can not edit apps

- Mobile store app
  - View shared apps
  - Great for tablets and smartphones
  - Can not edit apps
  - For:

Power Apps components: Browser

- Accessible via a **web browser**
- Users design/view access for Power Apps is part of their account
  - Users must have a Power Apps license to use apps
  - Most business uses WILL have this access unless withdrawn
- Continually improved: https://powerapps.microsoft.com/en-us/blog/category/new-features/
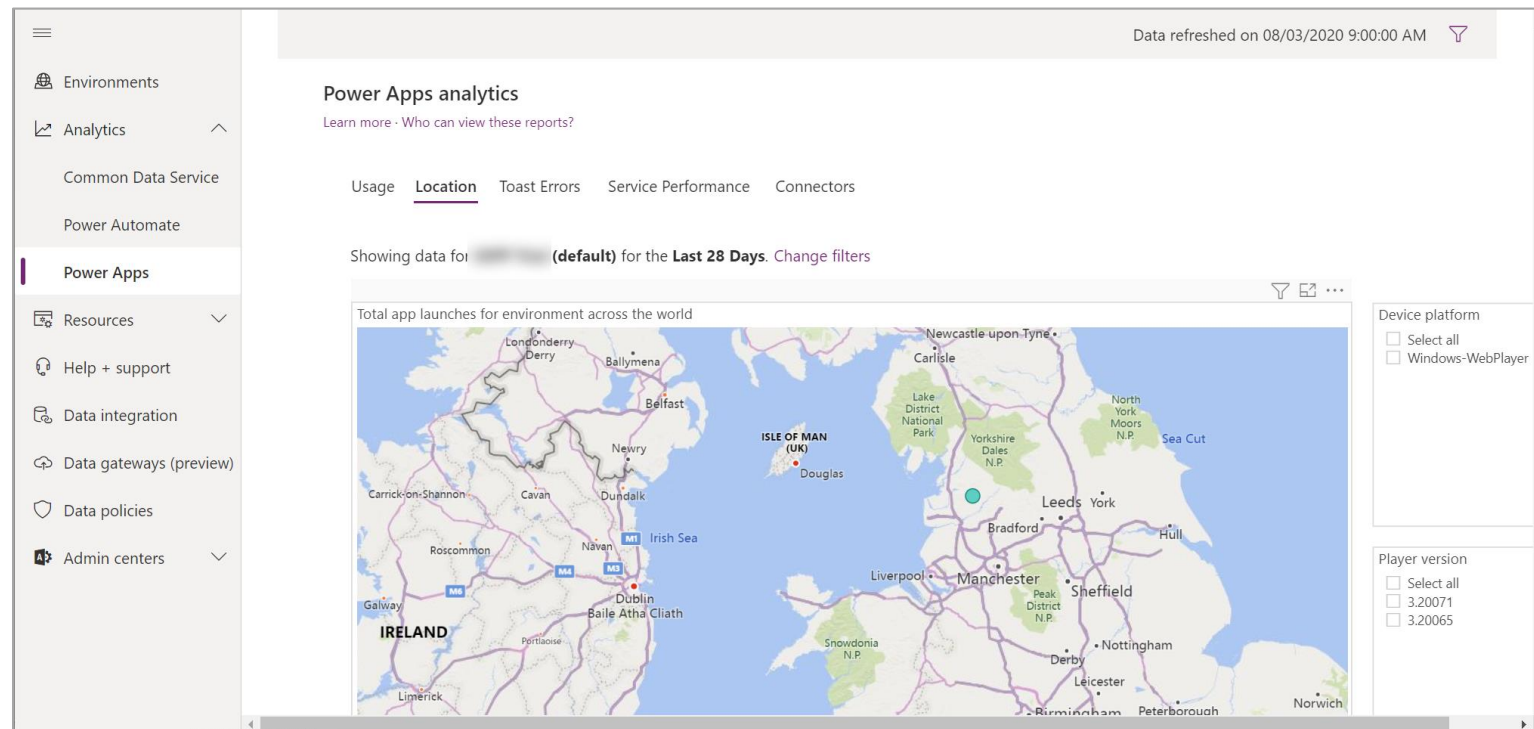
Power Apps components: Mobile app

- Power Apps mobile is available for
  - Windows mobile
  - iOS
  - Android devices
- Get the most out of your device's capabilities like camera controls, GPS location, and more
- The mobile app only runs canvas apps, model driven apps require a different app

Power Apps components: Admin center

- Centralised place to administer Power Apps
  - Environment administrators can define different environments used to house apps, connections, and other elements
  - Also where Dataverse databases, permissions, and policies can be managed

Canvas, Model-driven apps and Portals
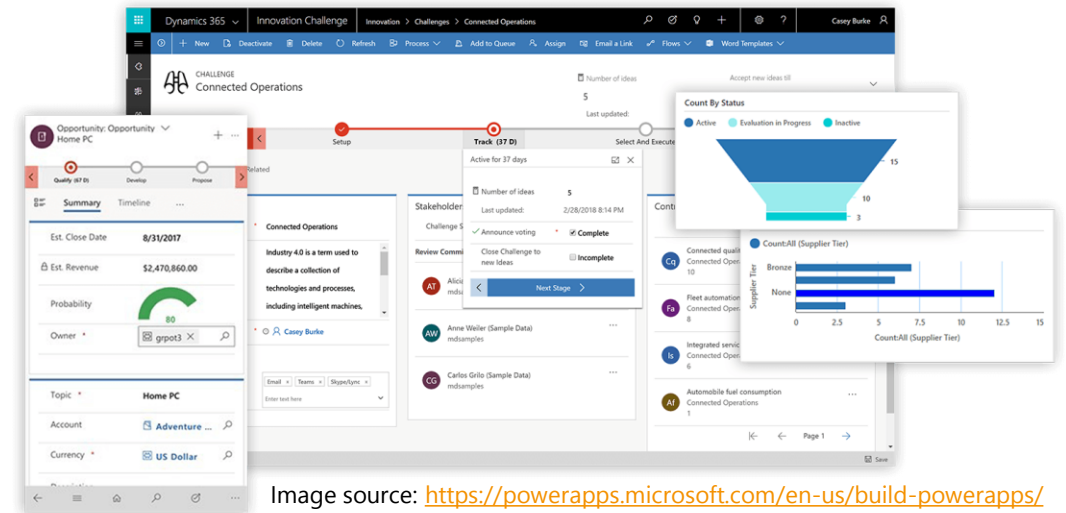
Canvas

- The original type of Power App
- Can use a range of data sources to store information
- Very customisable, complete control of components
- Included in the license that users receive as part of Microsoft 365 or Dynamics 365
- New responsive design

Portal*

- Create websites for partners and external customers to feature your apps and other Microsoft 365 services
- Use a low-code solution to create your pages

Model-Driven*

- No-code design
- Automatically create some components such as navigation and layout
- Can only use Microsoft's Dataverse for Apps as a data source
- Requires an additional Power Apps license

Image source: https://powerapps.microsoft.com/en-us/build-powerapps/

Power Apps licensing - UK

Per app plan

(Run one app per user)

£7.50

per user/app/month

Best for businesses that want to license each user to run one app at a time, with the flexibility to stack licenses for each additional app.

Per user plan

(Run unlimited apps per user)

£30.20

per user/month

Best for businesses that want one license for each user, regardless of the number of apps they need to run.

Power Apps capabilities are included within various Microsoft 365 and Dynamics 365 licenses. Apps containing **Premium** connectors, require an additional license.

Microsoft Dataverse is an example of a premium connector. Model-Driven apps and Portals both require additional licenses as they are based on Dataverse.
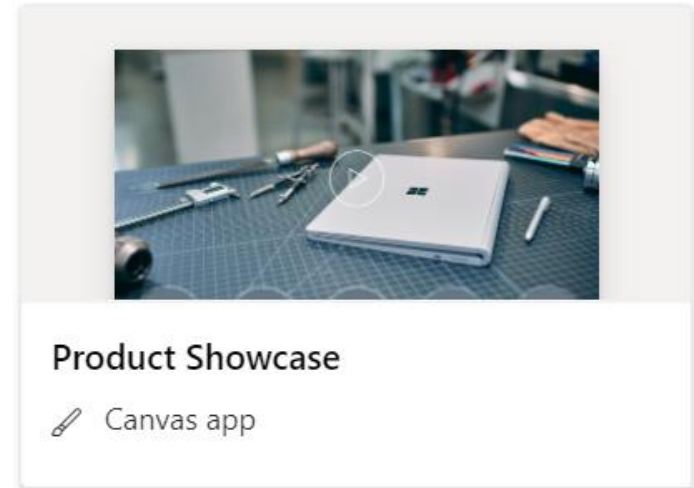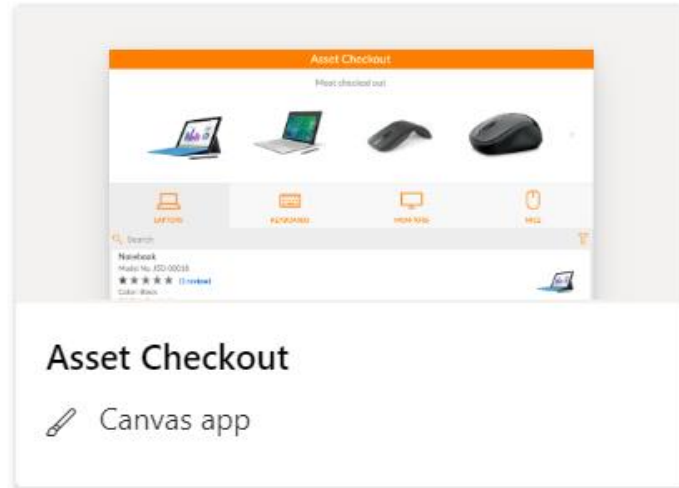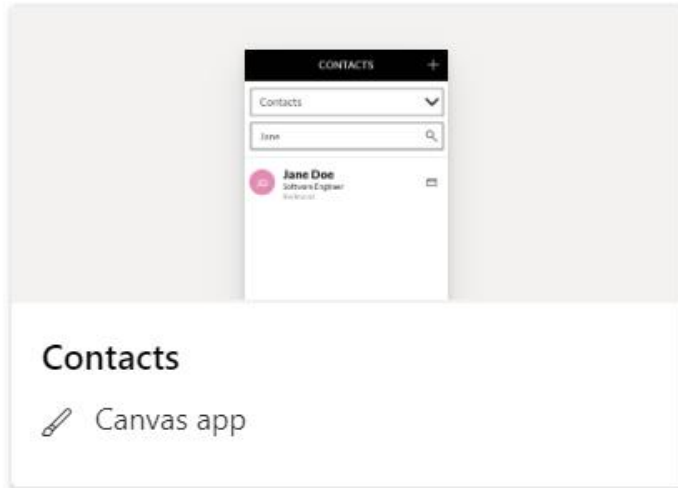
Microsoft Data...

PREMIUM

Templates

- Great way to learn what a finished app can look like and do
- Use the entire app or parts from it to create your own app
- Inspiration for interesting ways to build apps

Contacts

✎ Canvas app

Asset Checkout

✎ Canvas app

Product Showcase

✎ Canvas app

Key Points

- Power Apps are created in the browser

- Apps can be consumed on desktop, laptop and mobile devices

- Power Apps can be simple or complex depending on your requirements

- Power Apps has three licensing levels, Microsoft 365 and Dynamics users have the most basic license