

Leveraging Power Apps to Build Enterprise Class Applications



Hugo Barona

AZURE SOLUTION ARCHITECT

@HmsBarona hugobarona.com



Overview



Understand Power Apps

- What is Power Apps
- Types of Power Apps available
- Benefits of using Power Apps

Connect your data with Power Apps

- Options to connect your app and data
- Microsoft Dataverse

How to start building Power Apps

- Where to start
- Elements on Power Apps
- Add intelligence to your Power Apps

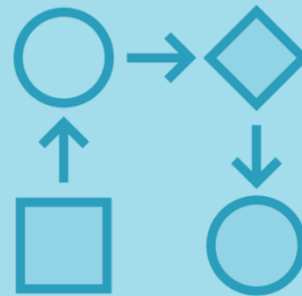
Demo: Create a canvas app from existing data source



Understand Power Apps



Why Use Power Apps



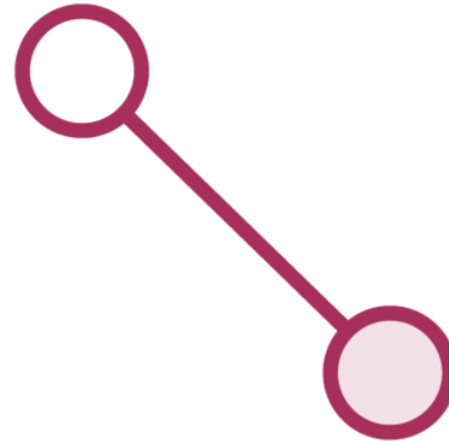
What Is Power Apps



**Templates and
Ready-to-use
Apps**



Services



Connectors

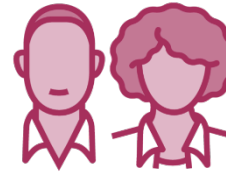


Data

Benefits of Using Power Apps



Low or No-code



Enables Teams



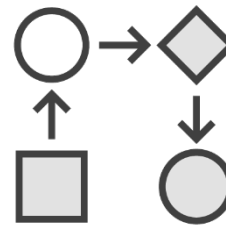
Intuitive User Interface



Built-in Integrations



Central Data Management



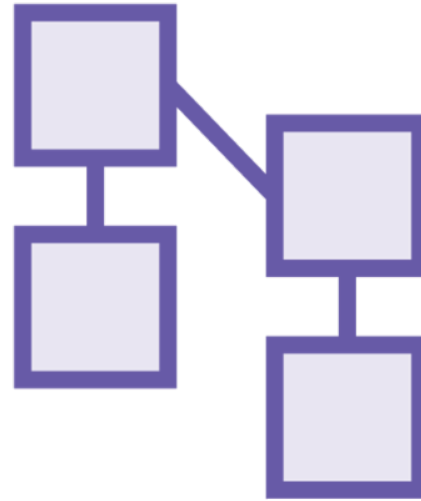
Automation



Power Apps Types



Canvas Apps



Model-driven Apps



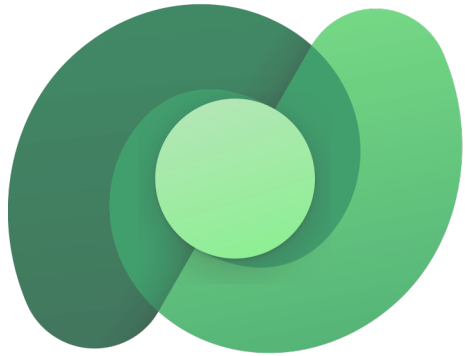
Portals Apps



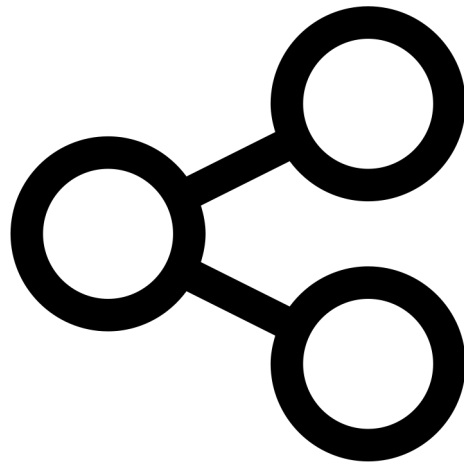
Connect Your Data with Power Apps



Options to Connect Your App and Data



Microsoft
Dataverse



Prebuilt
Connectors



Custom
Connectors

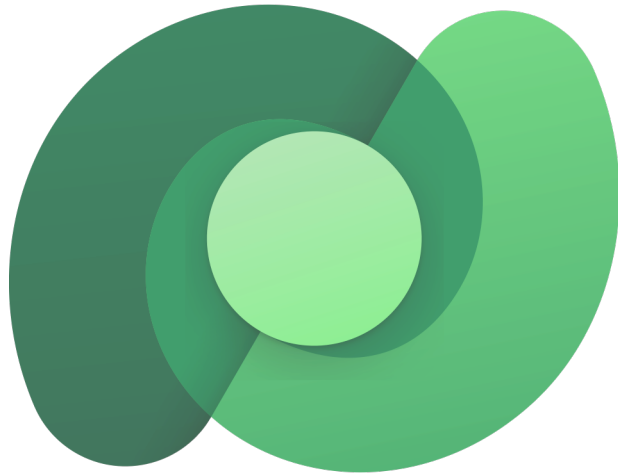


Data
Gateway

docs.microsoft.com/en-ie/connectors/connector-reference/



Using Microsoft Dataverse and Power Apps



**Microsoft
Dataverse**

Standard and Custom Entities

Logic and validation

Integrate data on Microsoft Dataverse using connectors and data gateway

Single import or scheduled data refresh

Load and transform data using Power Query

Uses Common Data Model

bit.ly/3bHCDEh



How to Start Building Power Apps



Where to Start



Power Apps Website

make.powerapps.com



Power Apps Studio

create.powerapps.com/studio/



Power Apps Mobile

Download from App Store / Google Play Store



Power Apps Admin Center

admin.powerapps.com



How to Create Power Apps



From a template



From a data source



From a blank canvas

Elements of Power Apps



Canvas Apps

Screens

Galleries

Forms

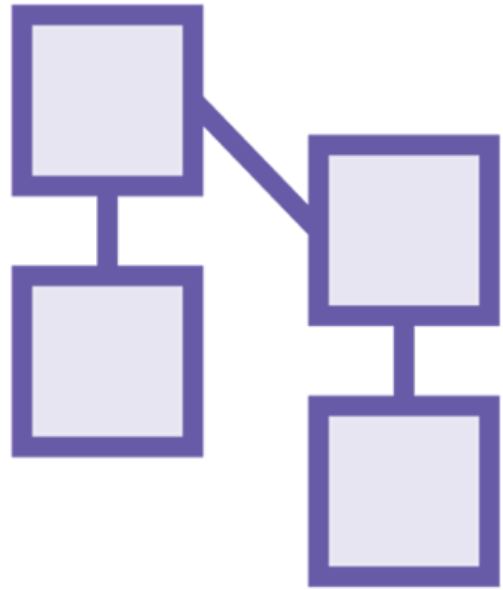
Controls

Functions

Components



Elements of Power Apps



**Model-Driven
Apps**

Data

- Entity, Relationship, Field, etc.

UI

- Site map, Form, View

Logic

- Business process flow, workflow, actions, etc.

Visualizations

- Chart, Dashboard, Embedded Power BI

<https://bit.ly/2WBAupc>



Elements of Power Apps



Portals Apps

Pages

- Layouts
- Fixed layouts

Templates

Navigation Menu

Sections

Components

- Text, Image, Form, List
- IFrame, Power BI



Artificial Intelligence on Power Apps



Prebuilt AI models

- Business card reader, Text recognition, Key phrase extraction, Language detection, and more.

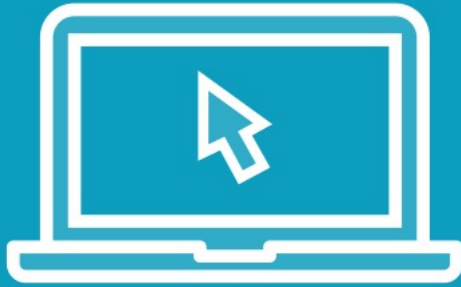
Custom AI models

- Prediction, Form processor, Object detector, Text classification, and more.

docs.microsoft.com/en-us/ai-builder/model-types



Demo



Steps

- Create canvas app from data source
- Explore app elements
- Save and Share the app



Summary



Understand Power Apps

How to connect your data with Power Apps

How to start building your Power Apps

Create a canvas app from a data source and update some of its elements

