mvpskill
change the world by contributions

ZABBIX IN THAILAND
Knowledge Sharing Community

Power Apps Guru
THAILAND

App in a Day
Microsoft Power Platform

Power Apps

Power Automate

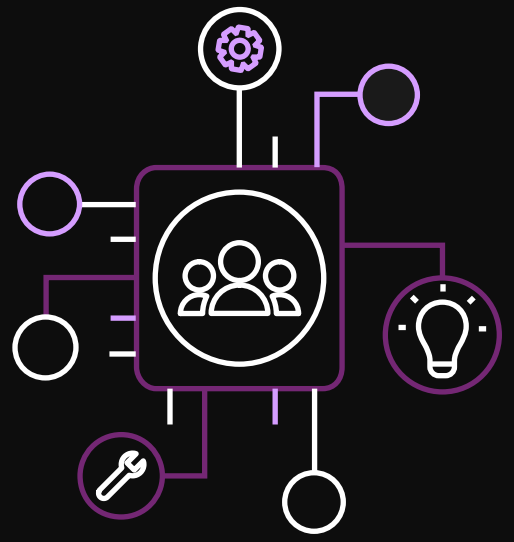
Microsoft Dataverse

Microsoft Power Platform

Module 5: Roadmap and Call to Action

Microsoft Power Platform

Turn bright ideas into brilliant apps



Microsoft Power Platform

One low-code platform that spans Office 365, Dynamics 365, Azure and standalone applications

Power BI
Business analytics

Power Apps
Application development

Power Automate
Workflow automation

Copilot Studio
Intelligent Copilots

Power Pages
Build websites

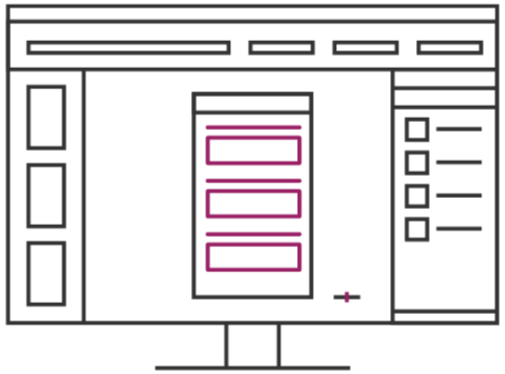
Dataverse

Data connectors

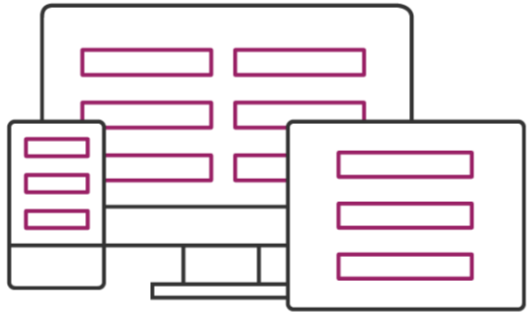
AI Builder

Canvas Apps help business-power-users to create and use custom business apps across platforms using Excel and PowerPoint skills

Connect to data & systems you're already using *easily*



Create apps, forms, and workflows *without writing code*



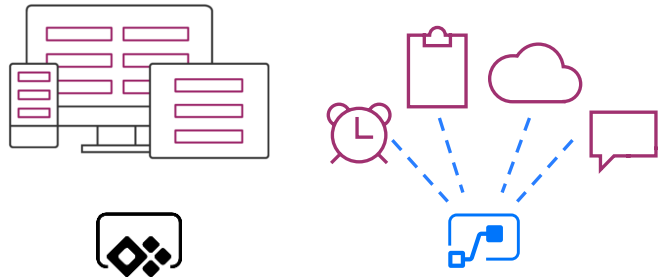
Use apps *on any device* – both web and mobile

Microsoft Dataverse

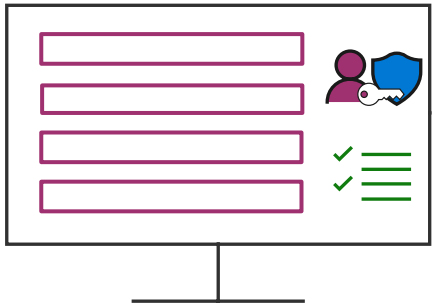
Allows you to securely store and manage the data used in apps

Dataverse is how Power Apps, Office, and the Dynamics suite of products integrate with a single system of record for business data

Store data in standard and custom entities with *rich metadata*

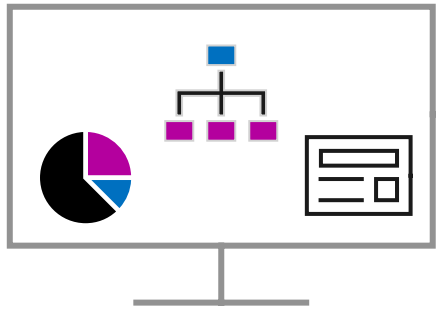


Build *Power Apps apps* and automate *flows* against the data stored in Dataverse

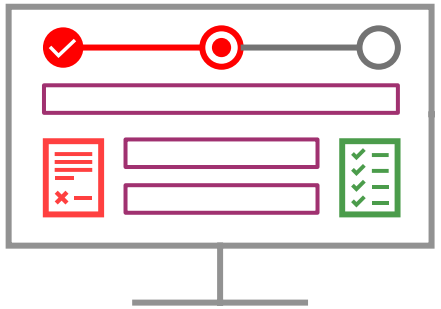


Add *Business rules* & *validation*
Define *role-based security*

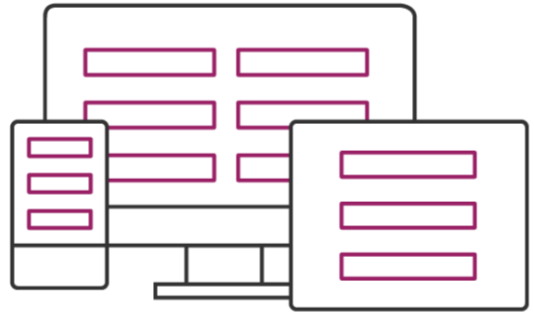
Power Apps Model-driven apps provide a metadata-driven architecture for creating and customizing apps without writing code



Rich ***component-focused*** no-code design environments



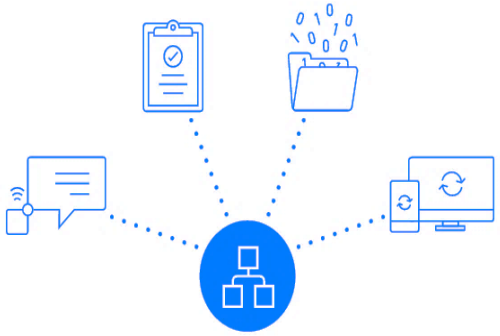
Easily add ***Business rules*** and ***Business process flows*** to model your business processes



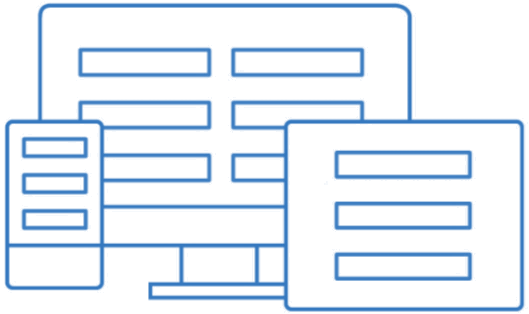
Complex ***responsive apps*** on web and mobile

Power Automate is a service for automating workflows across apps and services

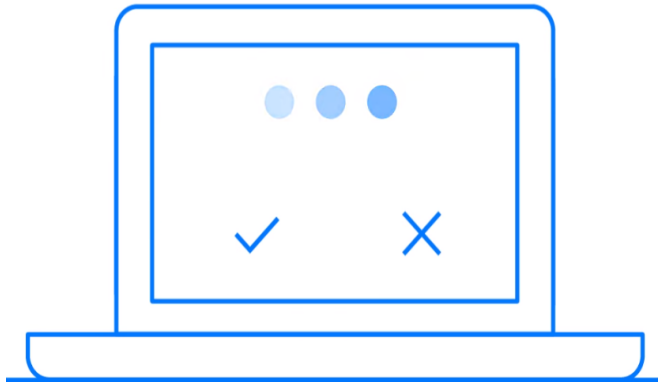
Connect to data & systems you're already using; create the data you need



Create workflows using triggers & actions without code or scripts



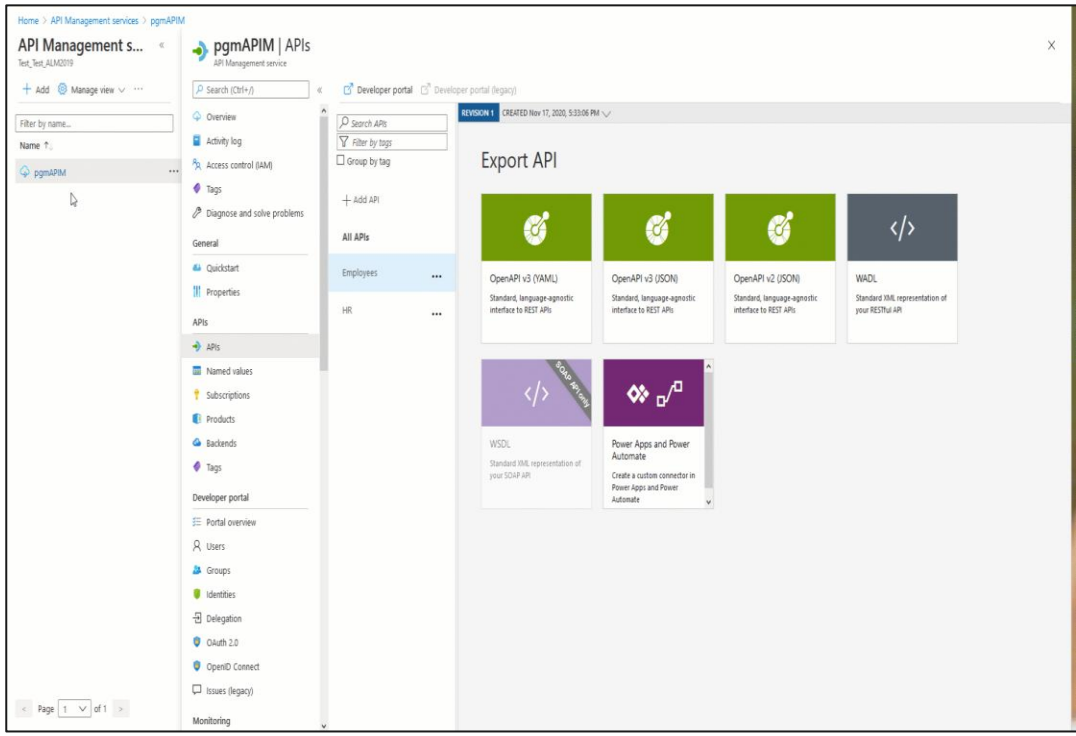
Edit flows on web and mobile



Approve requests or manage them on web and mobile

Power Platform integration with Teams and Azure

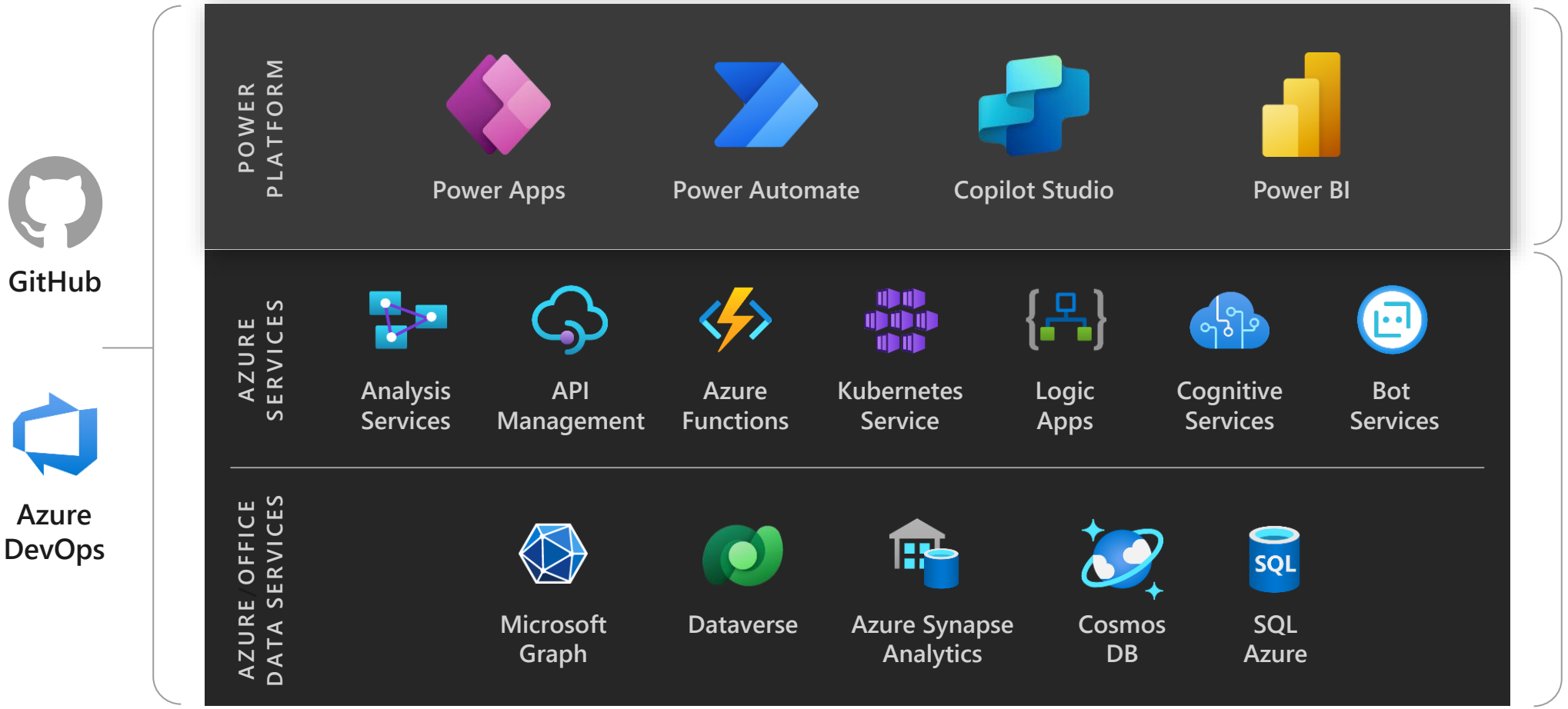
- A built-in low code data platform for Microsoft Teams
- Azure API Management integration enables pro-dev extensibility within Teams driving ACR
- Provides storage, rich data types with enterprise capabilities and one-click solution deployment
- Included for every Teams customer, easy governance by IT



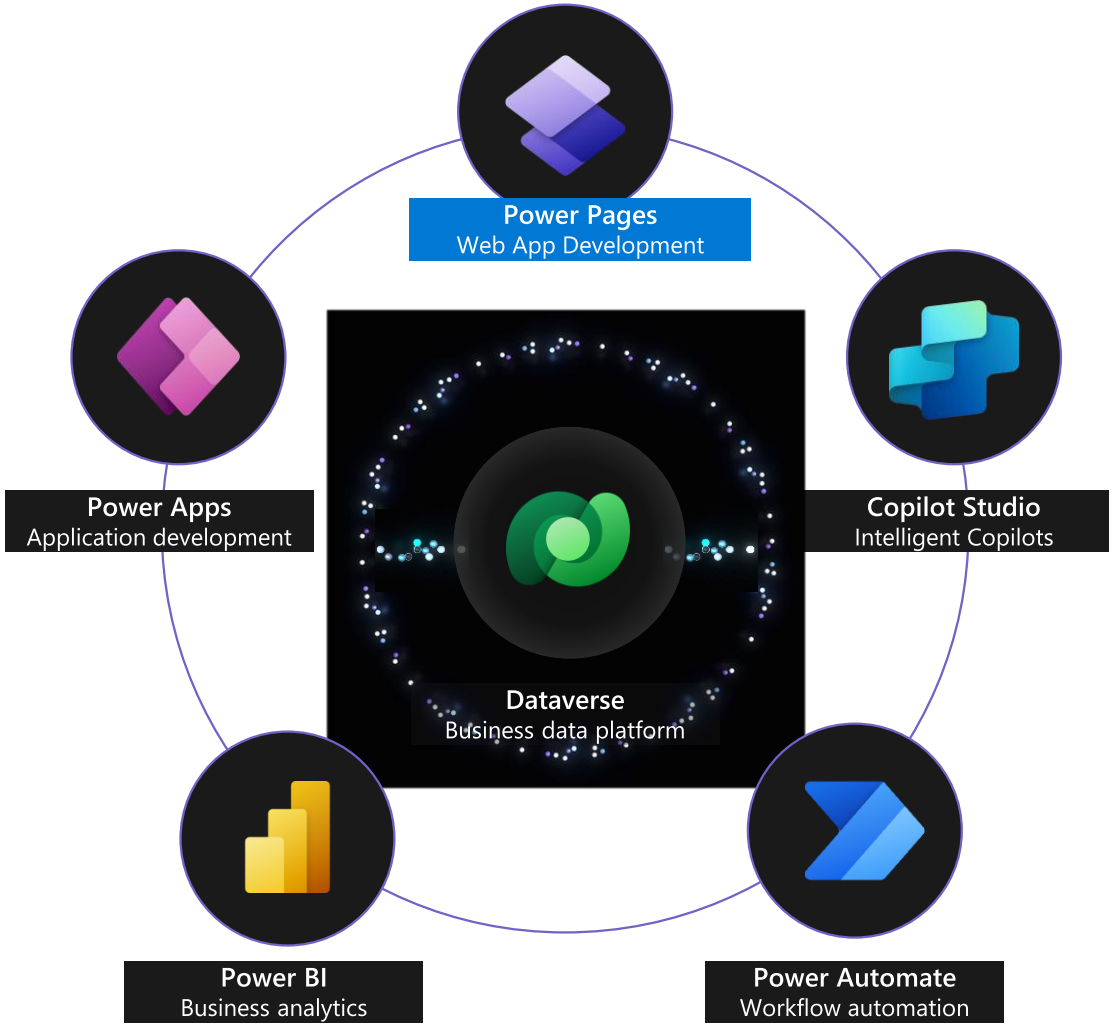
EFFORTLESS INTEGRATION AND EXTENSIBILITY

Add even more power to your Power Apps

Integrate Azure services with pre-built and custom APIs

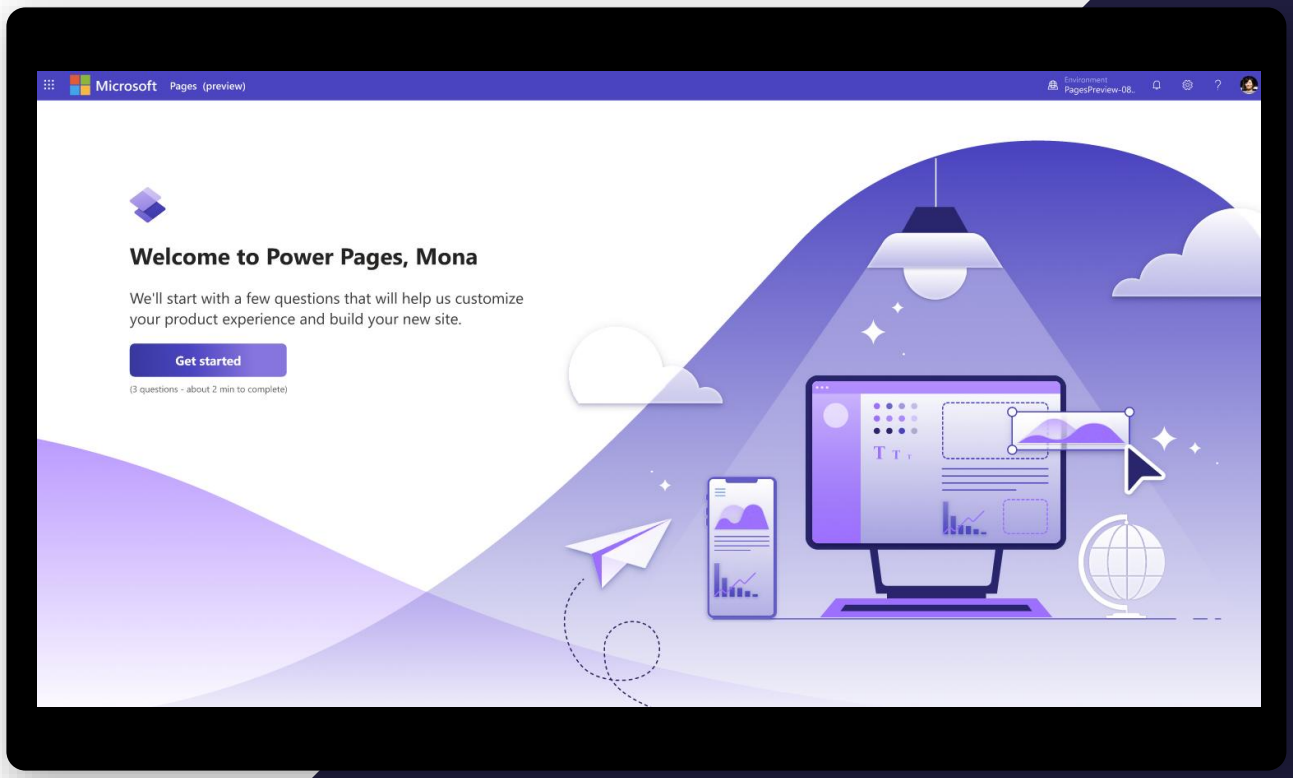


The Road Ahead



Power Pages

Enable anyone to build low-code, external business websites worldwide



Power Pages: Enable anyone to build low-code, external business websites worldwide

Make authoring easy for everyone

Enable everyone in your organization to design and launch engaging websites in minutes – no coding required.

Build without boundaries

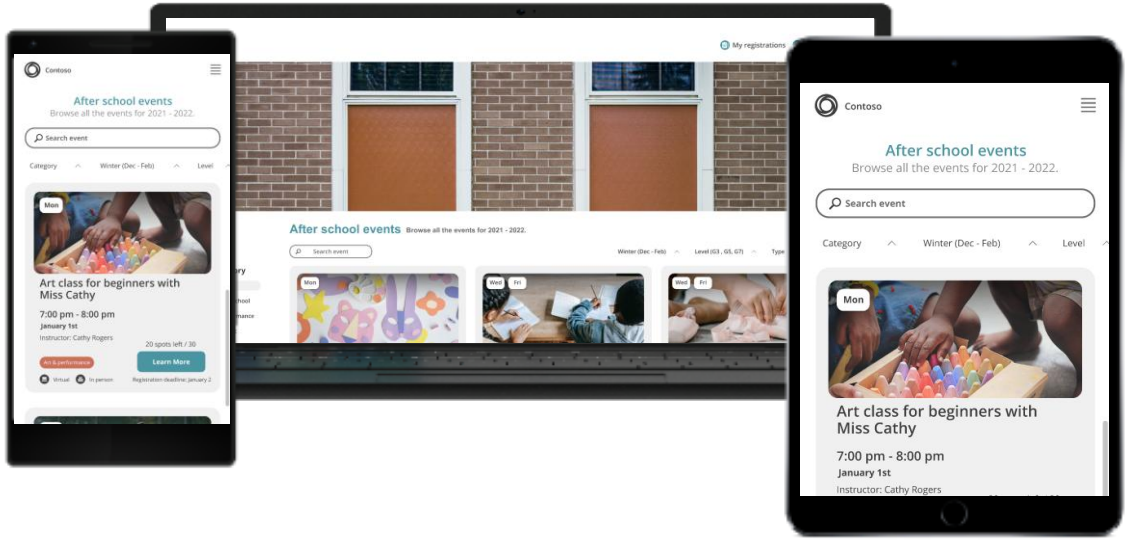
Empower your developers with advanced, web design tools that can take your pages to a whole new level.

Share with confidence

Manage all your sites through one, convenient dashboard and meet your most demanding security and compliance requirements.

Snap in exciting new capabilities

Add dashboards, document sharing, chatbots, automation, and more for a smarter experience, with seamless integration to Power Platform and other Microsoft services.



Make authoring easy for everyone

Design pixel perfect pages with ease. Drag and drop components like forms, views, charts, dashboards. Select predefined layouts or customize pages with your own styles.

Make secure login easy. Enable users to sign in with their existing Microsoft, LinkedIn, Facebook or Google accounts or through Azure Active Directory or other enterprise identity providers.

Add a search engine. Enable users to search for content across your website using built-in, global search functionality. You can even customize your search to control which parts of your page are searchable.

Support multiple languages. Enable visitors to view and interact with your page in more than 40 languages. Power Pages will even translate metadata automatically.

Build without boundaries

Customize your sign-in experience. Set your own authentication requirements (such as an access code), enable anonymous access for selected content – and even customize data for specific groups and users.

Expand your existing websites. Embed a whole Power Pages microsite or add specific pages to your website to quickly expand functionality and securely share new content.

Accelerate development with your own templates. Help your team get started even faster by designing your own, re-usable web templates complete with company branding.

Bring custom code to low-code. Developers can build customized pages and complex business logic using open-source Liquid code and Web API services. Acquire any bootstrap theme for a great experience on any device.

Share with confidence

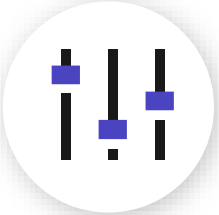
Unify your management experience. Manage all pages across your tenant and from the Power Platform admin center and get real time reports on page views and logins.

Support multiple security scenarios. All website users are modelled as contacts in your Dataverse database and can be securely authenticated for both B2C and B2B interactions.

Make your site more accessible. Power Pages conforms to global accessibility standards, including accommodations for sight and hearing impairments.

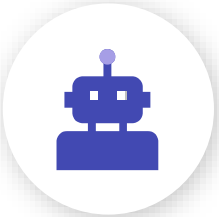
Manage and remediate, faster. Advanced admin options include IP address filters, server-side logs, and a self-service diagnostic tool that can automatically identify issues and suggest quick fixes.

Snap in exciting new capabilities



Display real time metrics and analytics. Integrate Power BI and embed components like reports, real time dashboards and tiles directly into your websites.

Share documents and files. Native support for SharePoint and Azure Blob storage makes it easy to upload and share documents from multiple data sources across your organization.



Enable self-service Copilots. With Copilot Studio, you can easily create and publish AI-driven chat bot experiences to your websites to enhance buying experiences, customer support, and other services.

Get a better understanding of your website traffic. Integrate with Azure Application Insights for in-depth usage telemetry. Better assess and predict your users' needs, goals, and behaviors to fully optimize your website experiences.

Introducing Microsoft Power Fx

The low code computer language for logic customization across the Power Platform

```
fx  Notify( "Hello, World!" )
```

```
If(
    // Proceed if all forms are validated.
    FormFeedback.Valid,

    // Submit the form.
    SubmitForm( FormFeedback ),

    // Else, display a warning message.
    Notify( "Please complete all fields",
            Warning, 2000 )
)
```

- An open-source language that will be **available for everyone to use and implement**.
- Expressed in text, it's a low code language that **makers can work with directly**.
- Reduce barriers for getting started with a language that **leverages the knowledge of excel users**
- **Accelerate with the simplicity of formulas** and add code where it matters using favorite developer tools.

A language for everyone

Citizen Developers

Pro Developers

IT/Admin

Empowering all developers to achieve more

A “no code” user configures logic by using simple UI builders

These builders read and write an Excel consistent language for representing text, numbers, dates, names, and other elements. Data bound pages with forms that read and write business data can be configured without any code.

A “low code” maker starts with the “no code” and adds Power Fx for more dynamic logic

Like Excel, formulas are declarative and recalculate just as a spreadsheet does, eliminating the need to think about when code runs or propagating changes.

A “pro code” developer starts with “low code” and adds even more complexity

Pro devs can use tools they are already familiar with such as VS Code, GitHub, Azure DevOps, and their own build scripts and tools, working with code components created in JavaScript, C#, or other professional languages.

A language for unapparelled scale

Get going quickly

Reduce barriers for getting started with low code with a language that millions of Excel users are familiar with.

Accelerate talent

Avoid technical skills shortages, empower business users and citizen developers to more easily solve business challenges at scale.

Save costs

Reduces costs with a single point of investment going forward, that accelerates related investments, including AI.

More intuitive than ever

Familiar

Get going quickly with a familiar and easy to use low code language with its foundation in excel.

Easy to learn

Makers will be able to leverage their learning of one Power Platform solution with others.

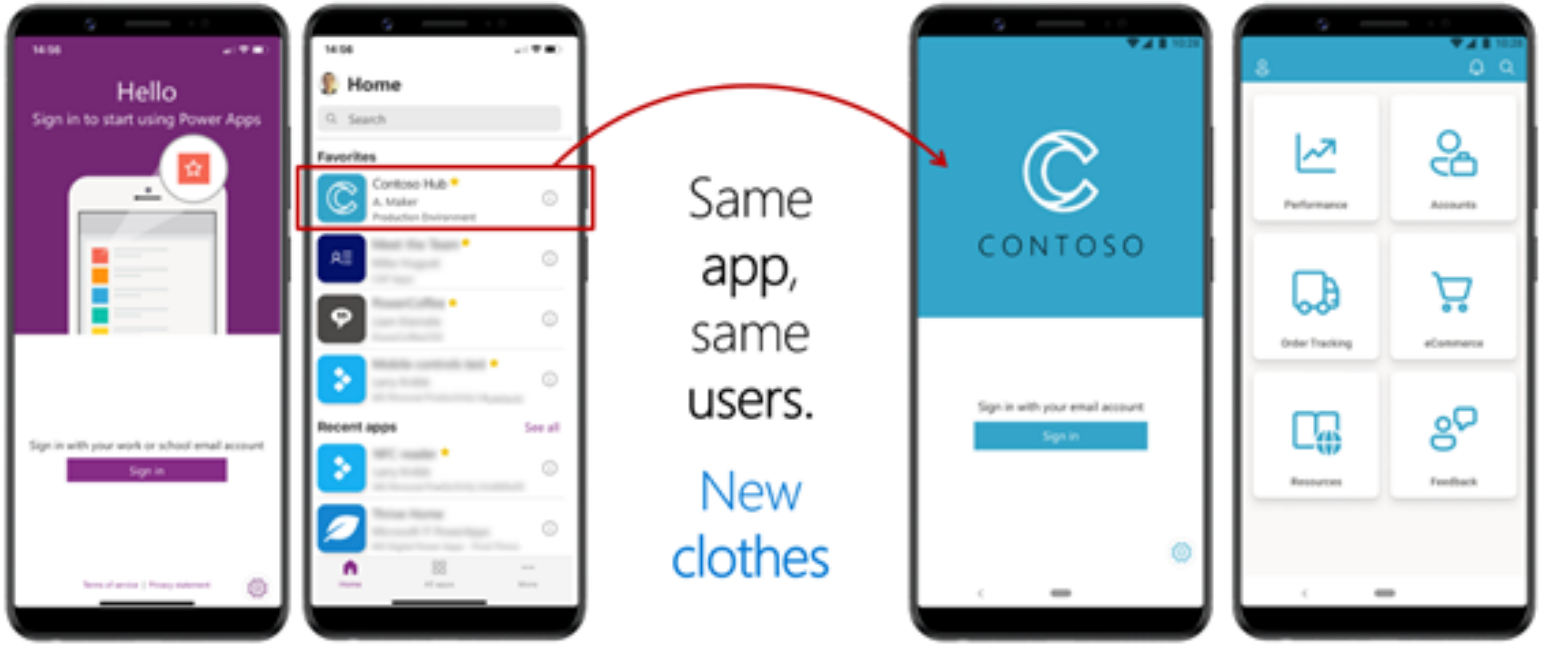
Proactive

Enhanced transparency, governance controls and solution checker capabilities, with increased visibility and solution telemetry.

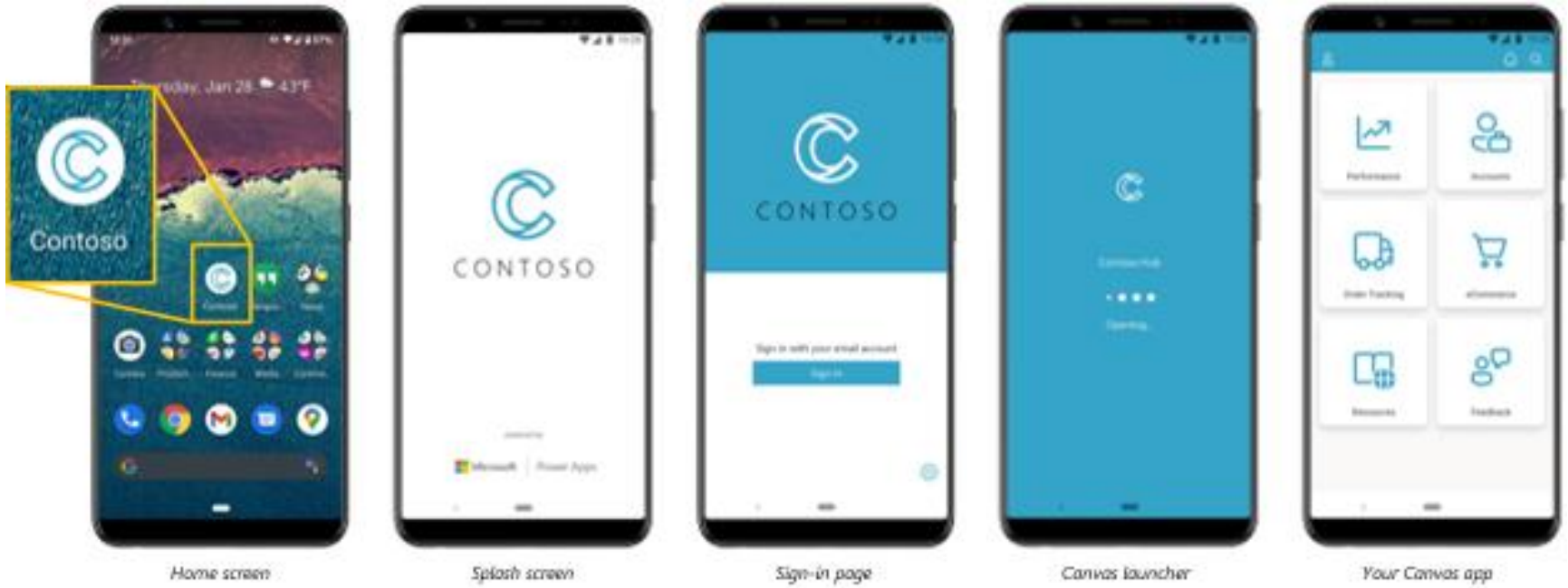
Empowered fusion teams

All developers can communicate, collaborate and collectively solve their organizations greatest challenges.

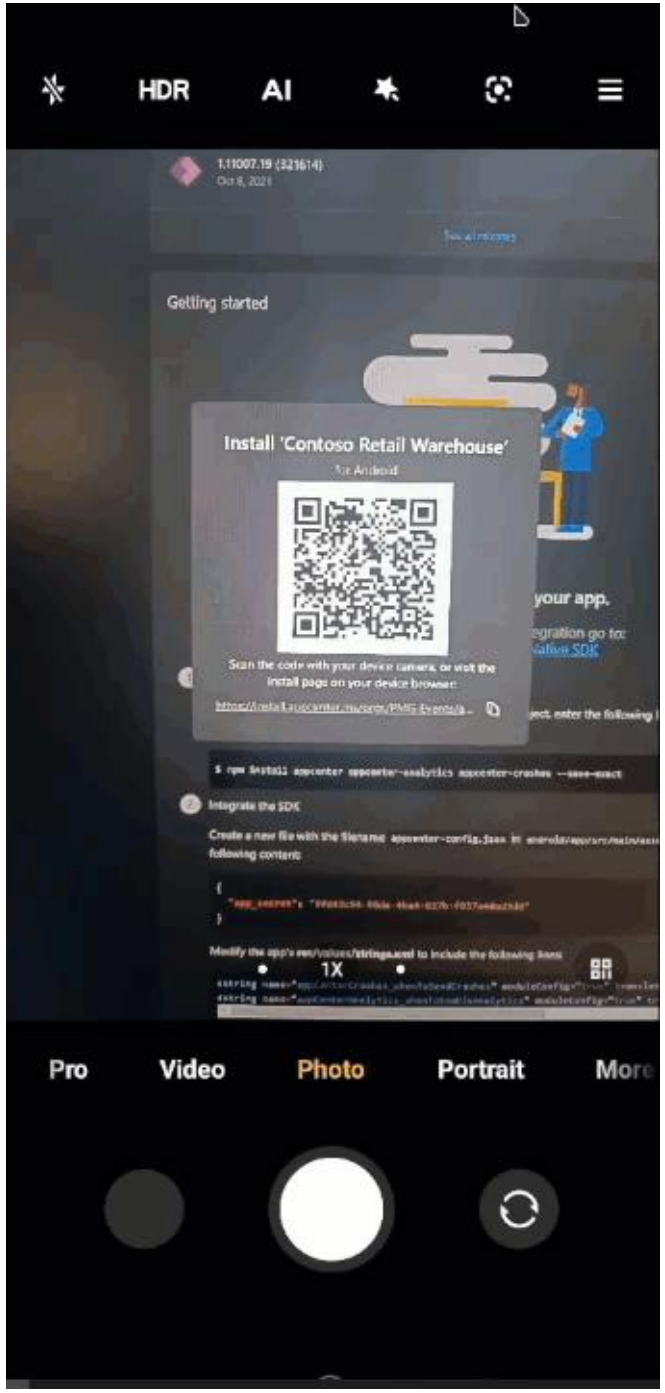
Create mobile apps with Power Apps (in public preview now)



Seamless end to end branding (in public preview now)



Distribute your app natively (in public preview now)



#LessCodeMorePower

Put the world's most complete low-code platform to work for your organization.

www.PowerPlatform.com

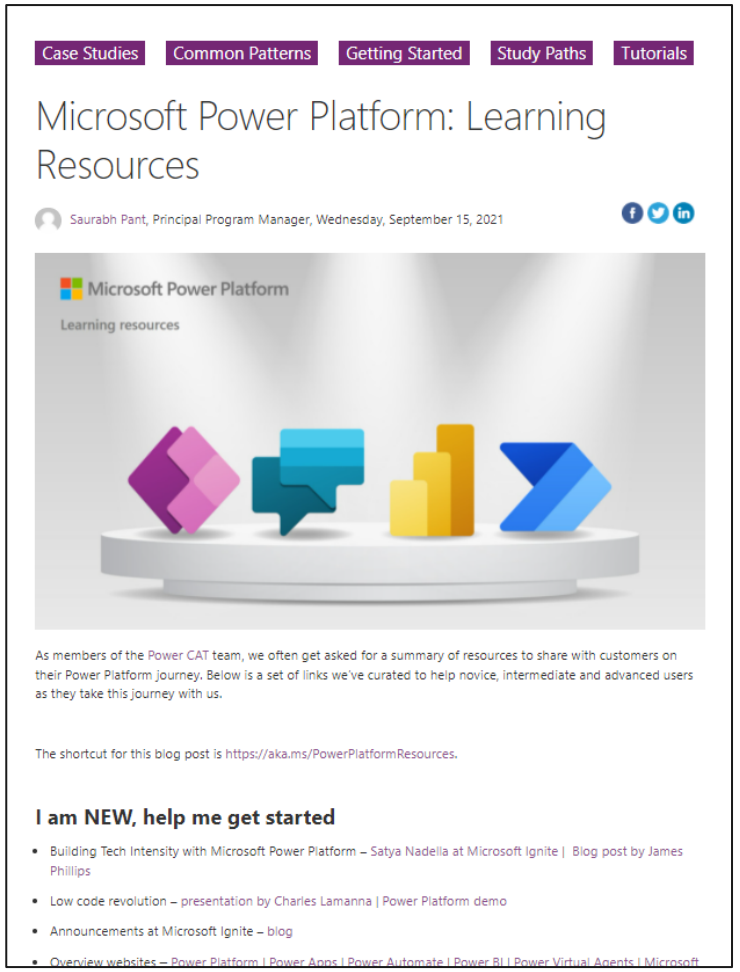
Release notes are public

- https://aka.ms/Dynamics365Wave2ReleasePlan
- https://aka.ms/PowerPlatformWave2ReleasePlan
- Release Readiness Portal (dynamics.com)

Resources

Power Apps: http://aka.ms/powerapps-resources

Power Automate: https://flow.microsoft.com/en-us/blog



Case Studies | Common Patterns | Getting Started | Study Paths | Tutorials

Microsoft Power Platform: Learning Resources

Saurabh Pant, Principal Program Manager, Wednesday, September 15, 2021

Microsoft Power Platform

Learning resources

As members of the Power CAT team, we often get asked for a summary of resources to share with customers on their Power Platform journey. Below is a set of links we've curated to help novice, intermediate and advanced users as they take this journey with us.

The shortcut for this blog post is https://aka.ms/PowerPlatformResources.

I am NEW, help me get started

- Building Tech Intensity with Microsoft Power Platform – Satya Nadella at Microsoft Ignite | Blog post by James Phillips
- Low code revolution – presentation by Charles Lamanna | Power Platform demo
- Announcements at Microsoft Ignite – blog
- Overview websites – Power Platform | Power Apps | Power Automate | Power BI | Power Virtual Agents | Microsoft

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