

Microsoft Power Platform

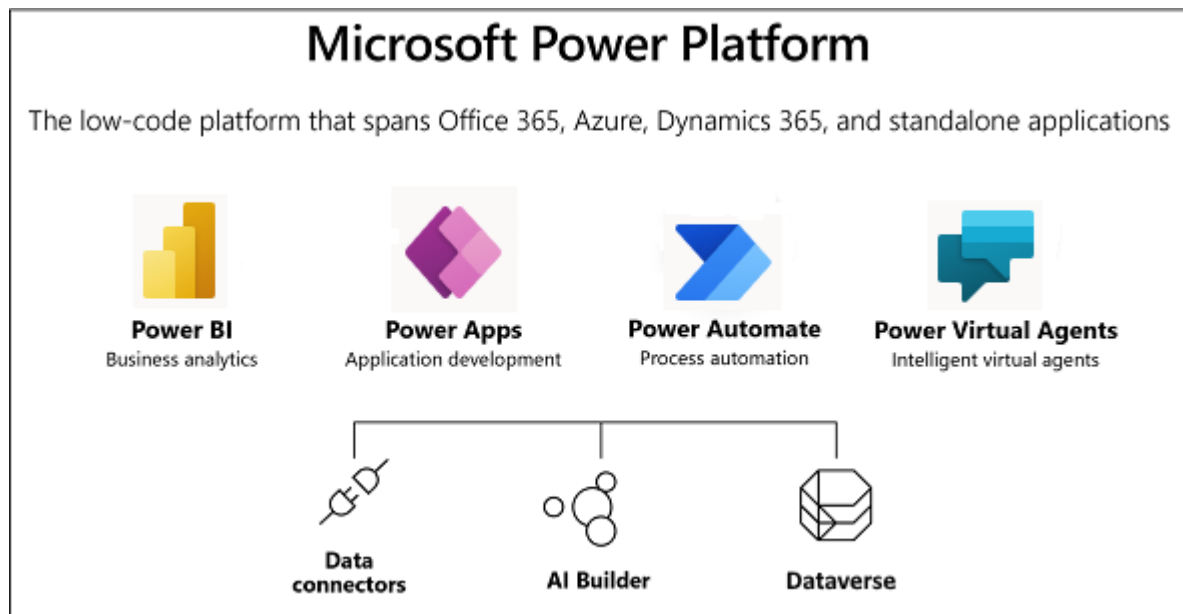
Power Platform combines the robust power of **PowerApps**, **PowerBI**, and **Power Automate** into one powerful business application platform – providing quick and easy app building and data insights. Each component of the Microsoft Power Platform is built on the **Dataverse**, **commonly known as the Common Data Model**. Each component is dynamic by itself, but brilliant and masterful when combined.

The **Microsoft Power platform** brings all your data together into **Dataverse**.

the features released in the 2021 Power Platform Release Wave 1. In addition to the new features being released, there are a number of enhancements to existing features. We will be seeing more and more integration with Microsoft Teams.

One app platform for Office 365 and Dynamics 365.

According to Microsoft CEO Satya Nadella “For the first time in fact, in our own Microsoft history, we have an extensibility model that is the same for Office 365 and Dynamics 365. This has been a dream of mine for, I don’t know, for 15 years probably. And we are finally here and we are executing super well.”



Common Data Service

The heart of the Microsoft Power Platform is **Dataverse**, formerly known as **Common Data Service for Apps(CDS)**. CDS is a secure database hosted in Azure Cloud prebuilt with a standard set of entities and record types. These record types – for example, Accounts, Contacts, and various activity types are extensible – so you can add additional data fields. Developers can also add new entities to fit their business needs. Entities have relationships to each other, and Business Rules can be created to make fields required, to hide fields and to set default values.

Because the Power Platform is built on the **Dataverse**, users are provided with a semantic consistency and built-in connectivity.

[Microsoft has recently released sets of high quality icons](#) for [Dynamics 365](#), [Power Platform](#), and [Azure](#) product lines. Created in .svg format, these icons can be resized with no loss in quality.



Power Automate

Power Automate (Formerly Microsoft Flow) is a service that helps you to create **automated workflows** between apps and services. These workflows can be used to integrate and update data, synchronize files, get notifications and more. There are over 200 apps and services, including Common Data Service for Apps, that work with Power Automate today and that number is always growing. **Power Automate** allows users to easily automate repetitive, time-consuming tasks, providing a “better way to get things done.” We now have more accessibility – users with a diverse set of coding abilities can easily utilize Power Automate.

We now have **more intelligent and powerful capabilities for Power Automate makers**. There have been a number of **productivity enhancements between Power Automate and Microsoft Teams**. This results not only in better outcomes in alignment with digital transformation goals, but it also encourages early adoption of Microsoft Teams.

Soon it will be easier to duplicate actions in the Power Automate designer with the cut and paste functionality.

PowerBI

PowerBI is a **business analytics service** provided by Microsoft. Using data stored in CDS or other databases, users can build informative reports and dashboards to display important data about sales, customer

service, and other business functions. These dashboards and reports can be published on websites, in SharePoint or Teams, and in Apps. **Power BI** allows organizations to make business decisions based on data and facts, not opinions.

A recent improvement here is **visual personalization** for end users. This feature enables the user to adjust a visual based on their needs and bookmark it for later.

PowerApps

PowerApps build on the platform of CDS to allow citizen developers to build easy to use applications for standard business needs. For example, you want to build an app for representatives to inspect your companies franchises. A Power App could be built and made available on the rep's phone that surfaces your survey and inspection questions. The rep could visit the franchise and quickly fill out the data from their phone. This data is then stored in the CDS. Flow would trigger notifications of tasks identified to repair defects at the franchises. And PowerBI dashboards would allow you to rank stores against each other.

We now see the ability for app developers to **fully build custom and responsive experiences in their applications**. We also now have the ability to create **new app within one of your channels in Microsoft Teams**. This can be done using data that you already have in your Microsoft Teams Sharepoint site.

Microsoft has moved the administration of the Power Platform out of Office 365 and to its own site, You can access the administration site at

<https://admin.powerplatform.microsoft.com/> You can also start free trials for all of these services at the same URL.