

Microsoft Power Platform

No code, low code, and code first—all are welcome

Creating a trial environment



Power BI

Business analytics



Power Apps

Application development



Power Automate

Workflow automation



Power Virtual Agents

Intelligent virtual agents



Microsoft
Dataverse



AI
Builder



Connector
Framework



Power Apps Application Development – Step by step approach to creating a trial

- Navigate to <https://trials.dynamics.com>
- Click on the try for free button and use the Dynamics 365 for Sales option as you will have access to the Power Platform as part of this trial

The screenshot shows the Microsoft Dynamics 365 website. The top navigation bar includes the Microsoft logo, 'Dynamics 365', and links for Products, Pricing, Partners, Platform, Resources, and Support. Below this is a secondary navigation bar with links for Sales, Service, Marketing, Customer data platform, Commerce, Finance and operations, and Supply chain. The 'Sales' link is highlighted. The main content area is titled 'Sales' and includes a sub-header 'Experience how to help your sales team stay focused, boost productivity, and build customer trust th'. Below this is a card titled 'Dynamics 365 Sales' with the text 'Activate digital selling to meet buyers where they are—helping you build better relationships and close more deals.' and a 'Try for free >' button.

Microsoft | Dynamics 365 Products ▾ Pricing Partners ▾ Platform ▾ Resources ▾ Support

Sales Service Marketing Customer data platform Commerce Finance and operations Supply chain

Sales

Experience how to help your sales team stay focused, boost productivity, and build customer trust th

Dynamics 365 Sales

Activate digital selling to meet buyers where they are—helping you build better relationships and close more deals.

Try for free >



Power Apps Application Development – Step by step approach to creating a trial

- Enter your personal e-mail address



Try Dynamics 365 Sales free for 30 days

Help your team activate digital selling to close more deals and increase revenue. In this trial, you'll learn how to:

- Accelerate your sales.
- Manage your opportunities.
- Forecast your revenue.
- Work on the go with the mobile app.

Use sample data or your own. No credit card required or software to install.



Dynamics 365 Sales

Let's get started

Enter your email to start your free trial.

By signing up, you agree to the [terms of service](#) and [Microsoft Privacy Statement](#). Some preview features may be enabled by default. [Learn More](#)

[Start your free trial >](#)



Power Apps Application Development – Step by step approach to creating a trial

- Select – set up a new account, this bit is important! 😊



Try Dynamics 365 Sales free for 30 days

Help your team activate digital selling to close more deals and increase revenue. In this trial, you'll learn how to:

- Accelerate your sales.
- Manage your opportunities.
- Forecast your revenue.
- Work on the go with the mobile app.

Use sample data or your own. No credit card required or software to install.



Dynamics 365 Sales

Let's get started

Enter your email to start your free trial.

Please enter a work account for the best trial experience.

To continue with "john.doe@hotmail.com", **set up a new account.**

By signing up, you agree to the [terms of service](#) and [Microsoft Privacy Statement](#). Some preview features may be enabled by default. [Learn More](#)

[Start your free trial >](#)



Power Apps Application Development – Step by step approach to creating a trial

- Here are the steps, firstly enter your e-mail
- Then, enter contact details, telephone number that a verification code can be sent to.

Microsoft

You've selected Dynamics 365 Customer Engagement Plan

1 Let's get you started

Enter your work or school email address, we'll check if you need to create a new account for Dynamics 365 Customer Engagement Plan.

Email
john.doe@hotmail.com

Next

2 Tell us about yourself

3 How you'll sign in

4 Confirmation details

Microsoft

You've selected Dynamics 365 Customer Engagement Plan

1 Let's get you started

2 Tell us about yourself

First name: John Middle name (Optional):

Last name: Doe

Business phone number: 4477775123456

Company name: Save The Planet Company size: 2-4 people

Country or Region: United Kingdom

Next

3 How you'll sign in

4 Confirmation details



Power Apps Application Development – Step by step approach to creating a trial

- Select send text verification code
- Create your custom domain name e.g., amazonrescue.onmicrosoft.com

Microsoft

You've selected Dynamics 365 Customer Engagement Plan

- 1 Let's get you started
- 2 Tell us about yourself
- 3 How you'll sign in
- 4 Confirmation details

A text or phone call helps us make sure this is you.
Enter a number that isn't VoIP or toll free.

☒ Text me
☐ Call me

Country code: (+44) United Kingdom Phone number: 447775123456

We don't save this phone number or use it for any other purpose.

[Send verification code](#) [Back](#)

Microsoft

You've selected Dynamics 365 Customer Engagement Plan

- 1 Let's get you started
- 2 Tell us about yourself
- 3 How you'll sign in
- 4 Confirmation details

To set up your account, you'll need a domain name. What is a domain?

You'll probably want a custom domain name for your business at some point. For now, choose a name for your domain using **onmicrosoft.com**.

amazonrescue .onmicrosoft.com

amazonrescue.onmicrosoft.com is available.

[Check availability](#) [Next](#)



Power Apps Application Development – Step by step approach to creating a trial

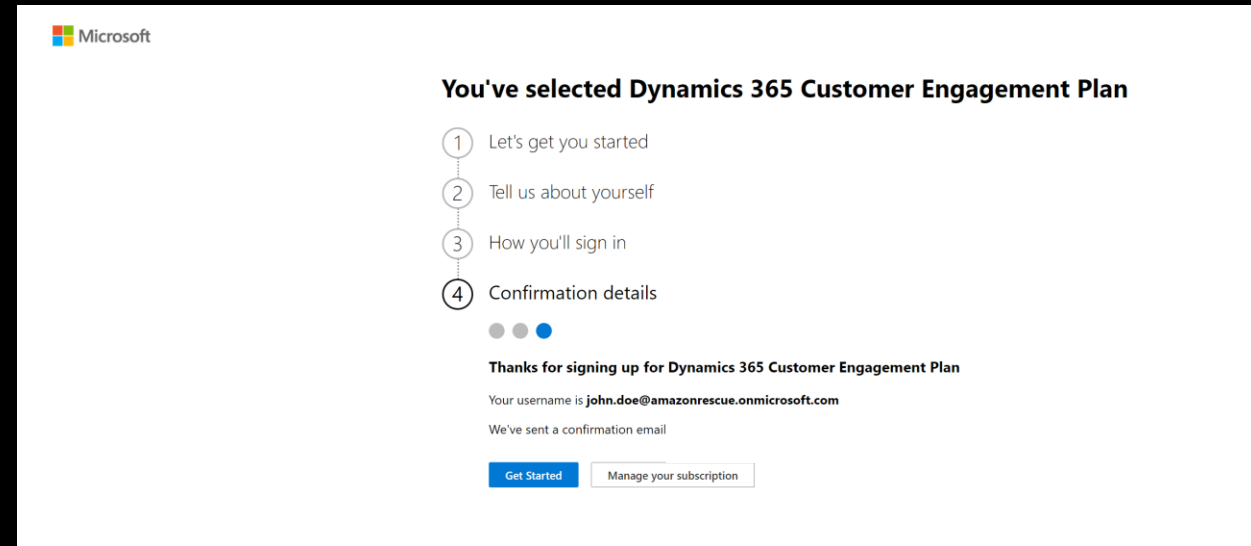
- Create your username e.g. john.doe@amazonrescue.onmicrosoft.com
- Create a password and remember it!
- Click sign up

The screenshot shows the Microsoft Dynamics 365 Customer Engagement Plan sign-up page. At the top left is the Microsoft logo. The main heading is "You've selected Dynamics 365 Customer Engagement Plan". Below this is a progress indicator with four steps: 1. Let's get you started, 2. Tell us about yourself, 3. How you'll sign in (currently active), and 4. Confirmation details. Step 3 includes a sub-heading "Now create your username and password to sign in to your account." and three input fields: "Username" (with the value "john.doe" and "@amazonrescue.onmicrosoft.com" to its right), "Password" (masked with dots), and "Confirm password" (masked with dots). Below the input fields is a line of text: "By selecting **Sign up**, you agree to our [trial agreement](#)." followed by a paragraph: "I understand that Microsoft may contact me about my trial." and two checkboxes: "I would like information, tips, and offers about Solutions for Businesses and Organizations, and other Microsoft products and services. [Privacy Statement](#)." and "I would like Microsoft to share my information with select partners so I can receive relevant information about their products and services. [Privacy Statement](#)." At the bottom of the form are two buttons: "Sign up" (blue) and "Back" (white).



Power Apps Application Development – Step by step approach to creating a trial

- You will then get a confirmation e-mail sent to the e-mail address you used to register at the beginning of this process, in this example it was john.doe@hotmail.com





Power Apps Application Development – Step by step approach to creating a trial

- Your login details, trial name, start date and end date will be available in the e-mail you received

Account information

Organisation name: Microsoft

Domain: amazonrescue.onmicrosoft.com

Trial name: Dynamics 365 Customer Engagement Plan

Start date: 18 September 2021

Expiry date: 18 October 2021

[Privacy Statement](#)

Microsoft Corporation, One Microsoft Way, Redmond, WA 98052



[Start your trial >](#)

During your trial, your first 30 days of Dynamics 365 Customer Engagement Plan are free for up to 25 licences.

To continue using Dynamics 365 Customer Engagement Plan after your trial ends or add more licences, buy a subscription before 17 October 2021.

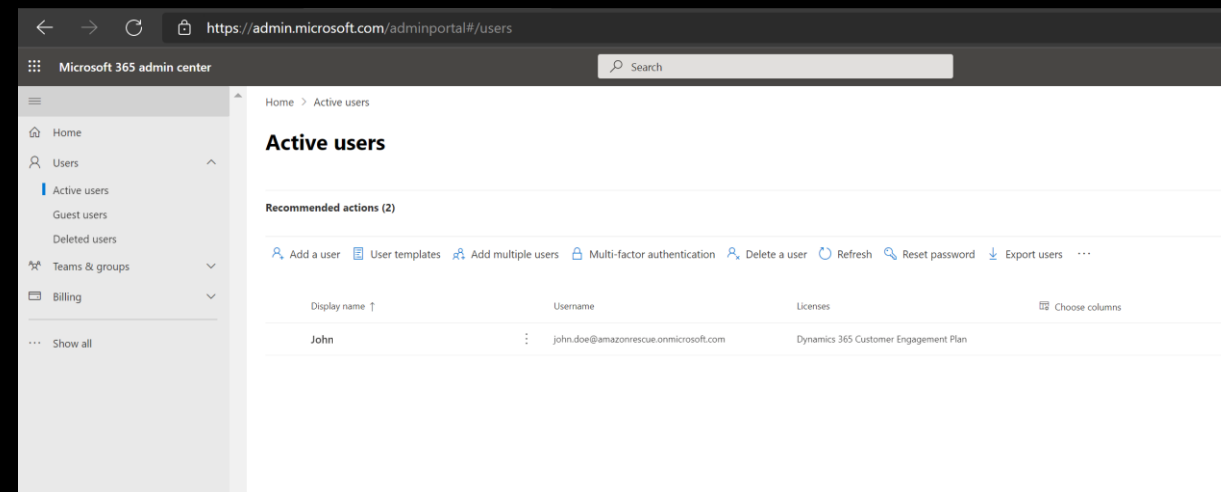
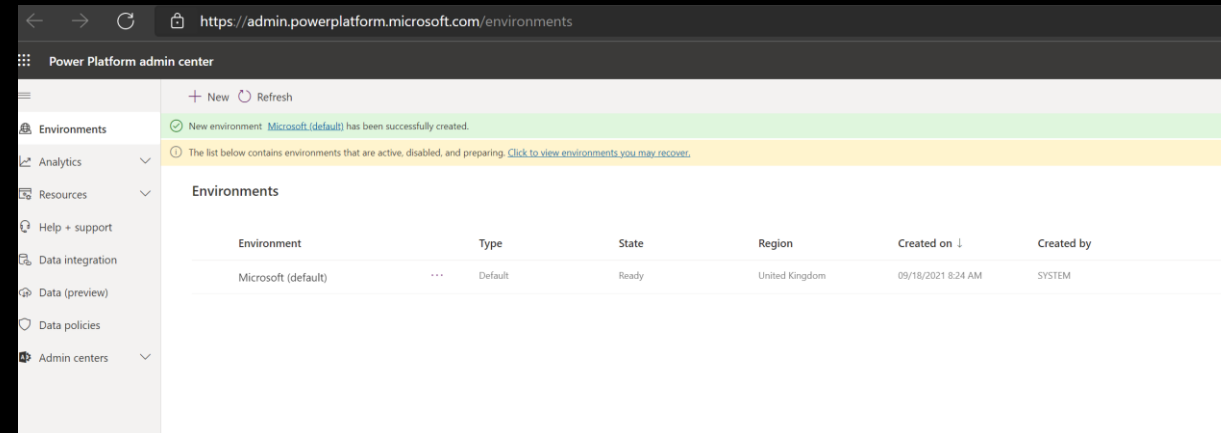
More information

- How to [assign licences](#).
- How to [add users](#).



Power Apps Application Development – Step by step approach to creating a trial

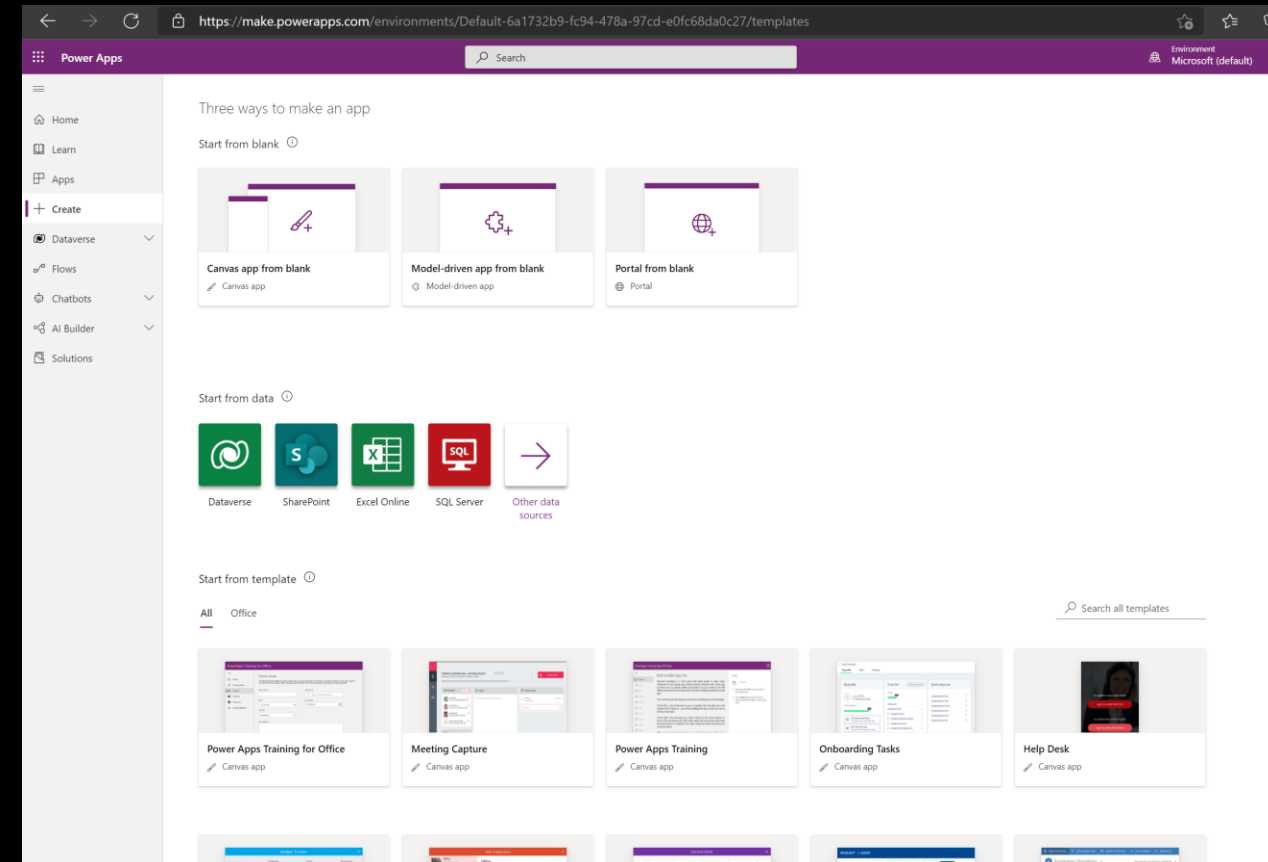
- The main portals you will use to access the environment, manage users and make apps are highlighted below:
- [Microsoft 365 admin center](https://admin.microsoft.com) <https://admin.microsoft.com> is the main site for managing users, subscriptions, allocation of licenses to users, security groups and membership
- [power platform admin center](https://admin.powerplatform.microsoft.com) <https://admin.powerplatform.microsoft.com> is the main site for managing environments





Power Apps Application Development – Step by step approach to creating a trial

- Power apps maker portal <https://makepowerapps.com> The main site for making your apps
- You're now ready to go and build your apps! Do look at the following information on the next few slides, covering useful advice and links on getting started with the platform.



Get started with Power Platform

Introduction to Power Platform

Overview: [Power Platform Overview](#)

Training Labs: [Apps in a Day](#) | [Flow in a Day](#) | [Power Virtual Agents in a Day](#) | [More Power Platform labs](#)

Power Platform Guidance: [Documentation](#) | [Architecture video series](#)

YouTube channels: [Power Platform](#) | [Power Apps](#) | [Power Automate](#) | [Power BI](#) | [Power Virtual Agents](#)

Community: [Power Apps community](#) | [Power Automate community](#) | [Power Virtual Agents community](#) | [AI Builder community](#)

Expert help from partners:
<https://powerapps.microsoft.com/partners/>

[Understanding Power Platform licensing](#)

[Product Demos at cdx.transform.Microsoft.com](#)

[Power Platform sessions from Ignite 2020](#)

[The Return to the Workplace Solution, built on Power Platform](#)

[Teams and Power Platform – Project Oakdale](#)

Information for advanced users

Latest updates: [October 2020 Virtual Launch event](#) | [Demo by Charles Lamanna](#)

Power Platform Release Waves: [Wave 1 \(Apr 202 – Sep 2020\)](#) | [Wave 2 \(Oct 2020 – Apr 2021\)](#)

Latest shipped features: [Weekly release notes](#) | [Power Apps – Apr 2020 summary](#) | [Power Automate – RPA General Availability](#)

Conference sessions: [Power Platform Online Conference 2020](#) | [Ignite 2020](#) | [Microsoft Business Applications Summit 2020](#)

Power Automate how-to videos: [webinars and videos gallery](#)

Additional labs: [Power Platform labs and challenges](#) | [Power Platform labs](#)

[Power Platform technical documentation](#)

[MS Learn Resources](#)

[Power Platform and Azure](#)

Admin, Governance, & IT

Administration, governance, and ALM: [Documentation](#) | [Blog posts](#) | [MBAS 2019 sessions](#) | [Managing and supporting Power Apps and Power Automate at Scale \(Ignite 2019\)](#) | [New Data Loss Prevention capabilities](#)

Establishing a Center of Excellence: [Center of Excellence Starter Kit](#)

Admin and governance best practices: [Establishing an Environment Strategy](#)

Administering a Power Apps enterprise environment: [Blog](#) | [Download whitepaper](#)

Build a customized Admin experience using the Power Apps admin connectors: [blog post with sample admin dashboard](#) | [admin connector documentation](#)

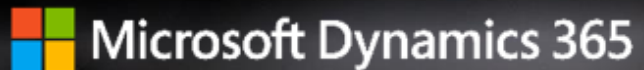
Security and certifications: [Microsoft Trust Center](#)

Pricing and licensing: [Summary](#) | [Licensing documentation](#)

Visit [Power Platform](#) for additional information



Power App Gallery



Power Apps | Introduction

Power Apps and Dynamics 365: The Art of the Possible

The high-productivity approach of Power Apps and Power Automate is transforming how organizations address business challenges

Leveraging these tools, a wide variety of organizations have quickly built compelling Power Apps solutions that...

- Streamline business processes, data collection, decision making
- Empower mobile and desktop workers
- Pull data from a range of back-end systems including Dynamics 365

Just as Power Apps have proliferated, there is a huge variety of examples and sources to see Power Apps in action, get ideas and inspiration

This **Power Apps Gallery** highlights a variety of Power Apps resources, approaches, templates and examples – to help teams jumpstart ideation and start building your own solutions



Power Apps Gallery | About the Sources

This deck leverages deeper sets of content from these valuable online communities and resources.

You will be able to find further examples and templates to use in the following links:

Microsoft Power Apps documentation home

→ [Power Apps | Microsoft Docs](#)

Power Apps customer examples & stories

Microsoft Power Apps Blog

→ [Case Studies | Microsoft Power Apps - Blog](#)

Power Platform Stories curated by the Power CAT Team

→ [Power Platform Stories | Microsoft Power Apps](#)

Power Apps Case Studies at Microsoft.com

→ [Microsoft Customer Stories Search](#)

PowerApps.com community examples

Contains links to a variety of templates and samples from the broader [Power Apps Community](#).

→ Power Apps templates from Microsoft

→ Sample apps from the Power Apps Community

Power Apps Templates from [GitHub](#)

Power Apps from partners on [AppSource](#)

AppSource is a key resource for finding partner applications that can work out of the box or be tailored to specific industry and organization needs.

→ [AppSource link filtered for Power Apps](#)

1. Benefits of using Power Apps with D365

Many Dynamics 365 customers look to Power Apps around the following scenarios, benefits, and examples.

Extend or simplify scenarios

- Extend mobile experiences
- Simplify interfaces, user input
- Add new features like image capture or bar-code reading

Connect scenarios & processes

- Enable sellers in Sales to check real-time inventory in F&O
- Enable Service Reps to quickly execute new sales from Service
- Automate any paper- or Excel-based process feeding Dynamics

Modernize or create new solutions

- Customized forecasting experience for sellers leveraging Sales data
- Inspection apps for manufacturing floor connected to F&O

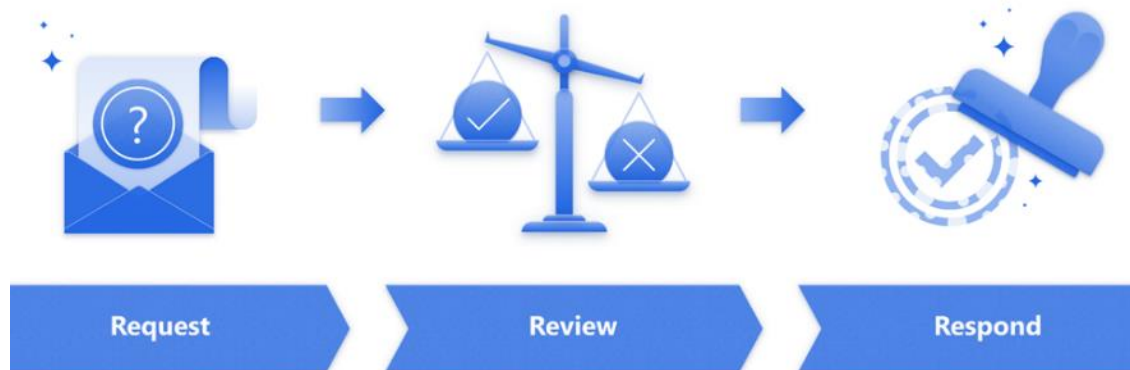
2. Common workflow patterns of Power Apps: Overview

Despite the wide variety of solutions and industries using Power Apps, we do see a lot of common patterns in Power Apps use cases for business solutions.

For example, apps for aircraft inspections, situational awareness for hospitals, and tracking kids' reading levels all have similar structures despite different purposes and audiences. These can be generally categorized as *inspections or audits*.

We've identified [common patterns and created articles](#) with real-world customer stories, best practices for structuring data, using Power Platform elements, and integrating into the overall business.

Example: Approvals



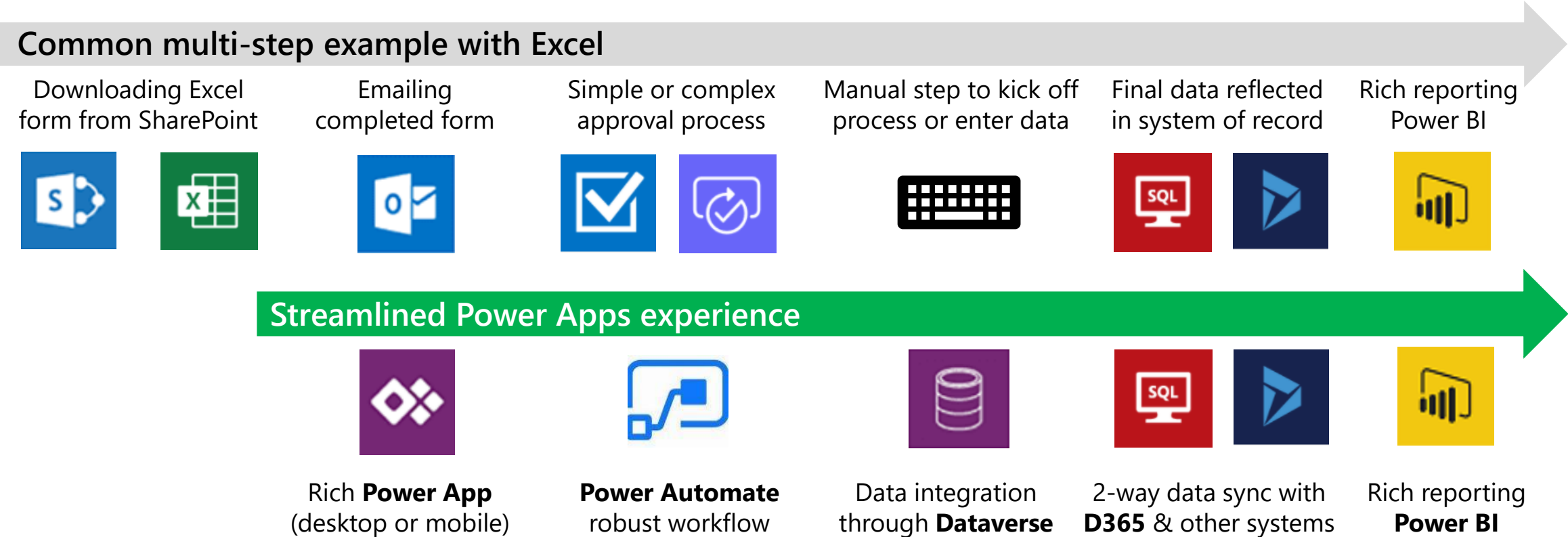
Recommended Actions

- Look at the Details in the next slides
- See which patterns may align with your workflows
- Learn from real-world examples and best practices to apply to your own solution

2. Common workflow patterns of Power Apps: Process Exercise

As teams begin looking to patterns and opportunities to automate common business processes, it's useful to consider processes or data collection that start with or include paper forms or Excel-based spreadsheets

For example, a variety of processes leverage excel for structured data collection, calculations and workflows through email. These are often great candidates for Power Apps.



2. Common workflow patterns of Power Apps: Details

The nine common Power Apps patterns are listed below. You will find a bulleted list of familiar example apps, with each pattern's link providing further details and examples from the [online overview of common patterns](#)

Approvals

Collect approval from one or more sources

- Automated granting of permissions
- Employee travel request
- Overtime request
- Timesheet submission

Asset Management

Manage inventory or other assets

- Asset check-out
- Asset rollout
- Inventory management
- Supply order management

Scheduling

Assign resources based on calendar availability

- Book a meeting room, tool or vehicle
- Find an available sales associate
- Find rooms for employee touchdown space
- Schedule customer appointment, crew members

Lifecycle and Workflow Management

Track, move records through a well-defined process

- Contract lifecycle tracker
- Employee onboarding
- Employee promotion evaluation
- Expense reporting process
- Request management
- Service desk tickets

Inspection and Audits

Create standardized questionnaires and forms

- Collection of customer data
- Daily job-site inspection, store audits
- Incident reporting
- IoT-based monitoring
- Quality control checklist, Safety, compliance audits
- Supply tracking

Calculate or Transform Data

- Cost or project estimation
- Decision support
- Field technician app
- Generating a work order or estimate
- Tracking monthly sales goals
- Translation of common phrases

Communication and Announcements

Publish news and info to employees, customers

- Announcement viewer
- Company-wide communications
- Corporate news management
- Learning or Product catalogs

Event management

Manage registration, planning, executing events

- Attendance
- Attendee bios
- Registration
- Session scheduling

Project Management

Track a project from inception to completion

- Project management

3. Power Apps Samples by Job Roles and Functional Teams

There are a variety sample Power Apps and templates that can be used as reference or starting points for developing apps. These include apps designed for specific jobs, roles and department functions that can be used across industries. This section highlights these templates available at PowerApps.com

Sample templates are available by common functional roles and departments

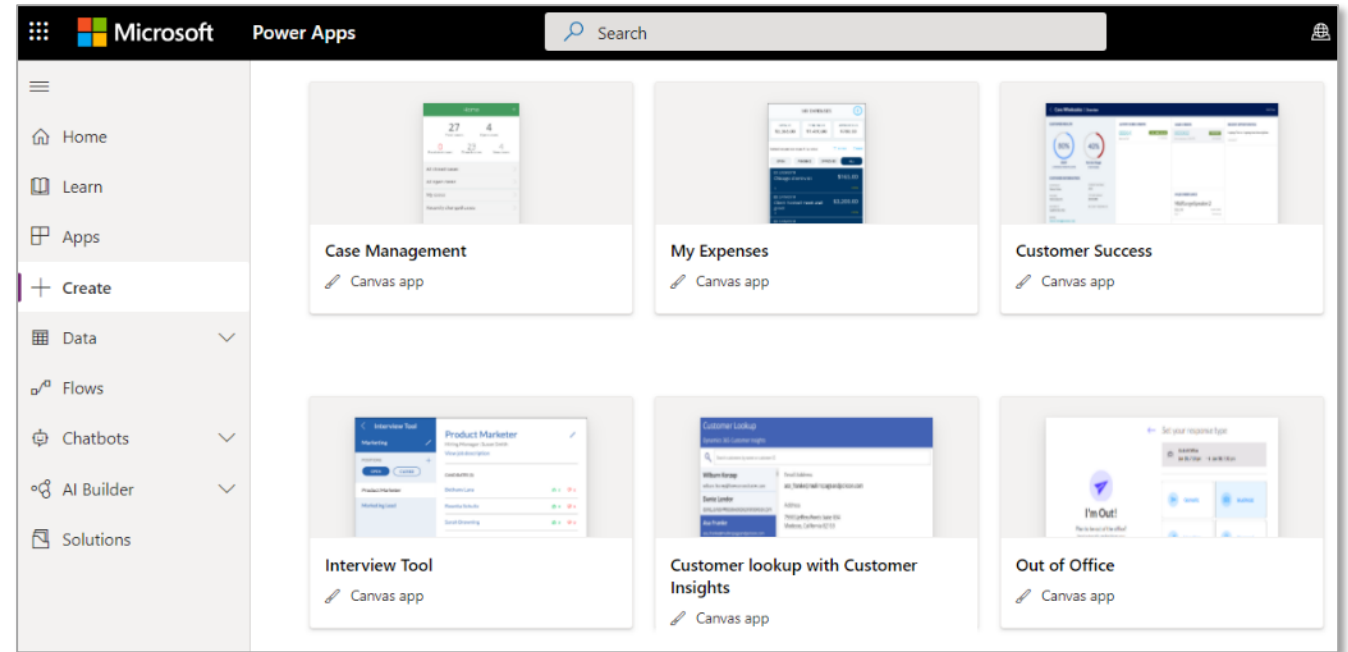
- Worker Productivity
- Sales & Marketing
- HR
- Operations
- Real Estate & Facilities

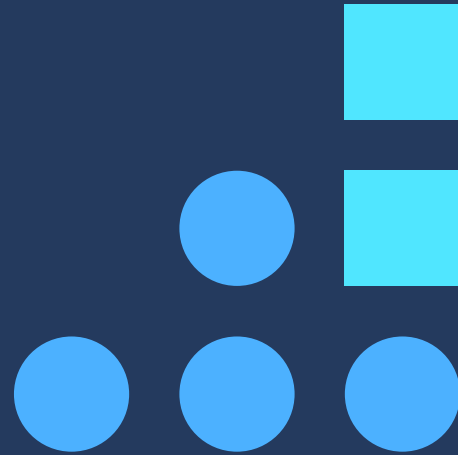
Recommended Action

→ Consider whether these samples can be leveraged with your solution and team

Access these templates at PowerApps.com

- The following slides will show how to access templates below





Learn more at Powerapps.com