✓ 100 XP ▶

Exercise - Create an app and add columns to the Machine Order table

20 minutes

In this exercise, you create a standalone model-driven application that uses the same Machine Order table that you created in Microsoft Dataverse.

ⓘ **Note**

This module is designed for use with the App in a Day instructor-led course. For more information on attending this free, instructor-led course, see **Microsoft Power Platform instructor-led training**   . On that page, you can **Register for an event**   .


ⓘ **Note**

To complete the exercises, you'll need to use a few files. Download the **App in a Day files**   for use in this module. The file folders that are in this download include:

- **Completed modules with instructions** - Package files to import the completed exercise steps.
- **Machine-Order-Data.xlsx** - File used in the exercises.

Task: Create an application

Your first task is to create a model-driven application. This application serves as a container to identify all components that make up the application. It will also include a site map that defines the custom navigation that people use to navigate between the components (table views, dashboards, and other visual components).

1. Go to Make Power Apps   and select the environment that you created.

2. Select **Solutions** and then select the **Contoso Coffee** solution.

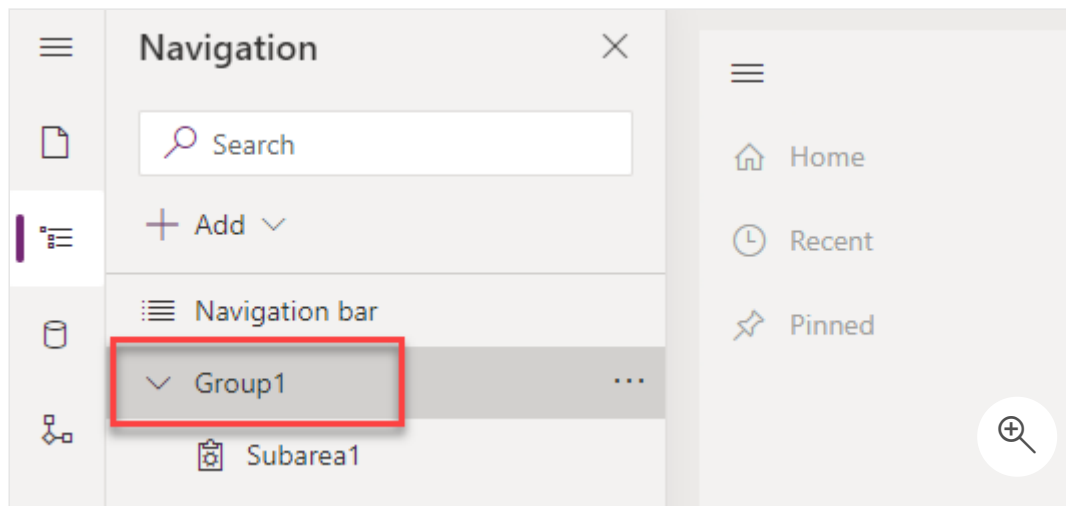3. Select **+ New** and then select **App > Model-driven app**.
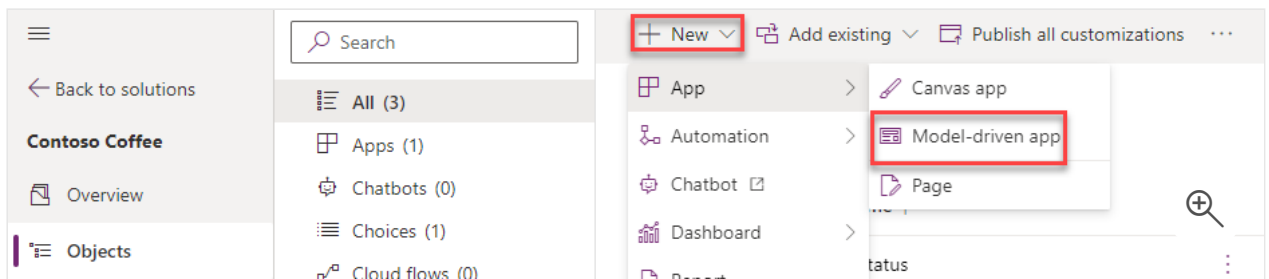
4. In the **New model-driven app** form, enter **Machine Procurement** in the **Name** field and then select **Create**.

Next, you build a site map for the application. The completed site map should resemble the following image.
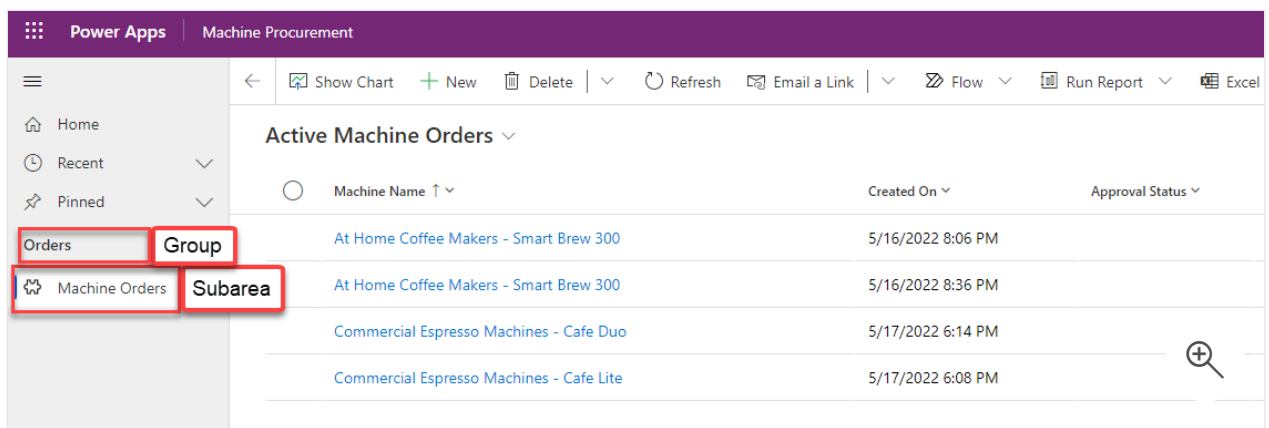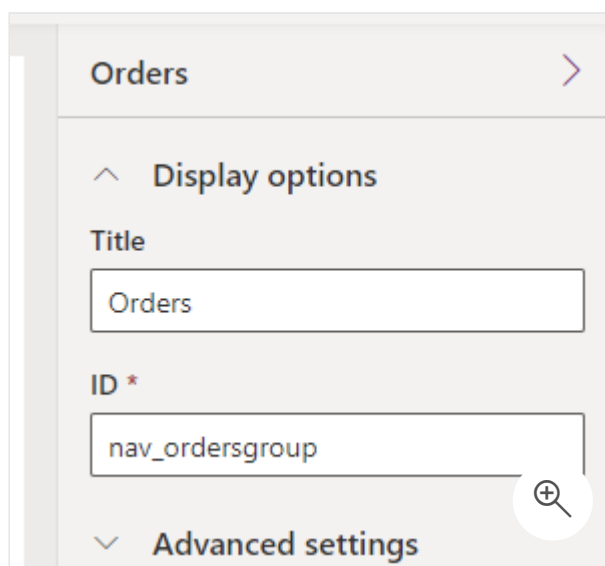

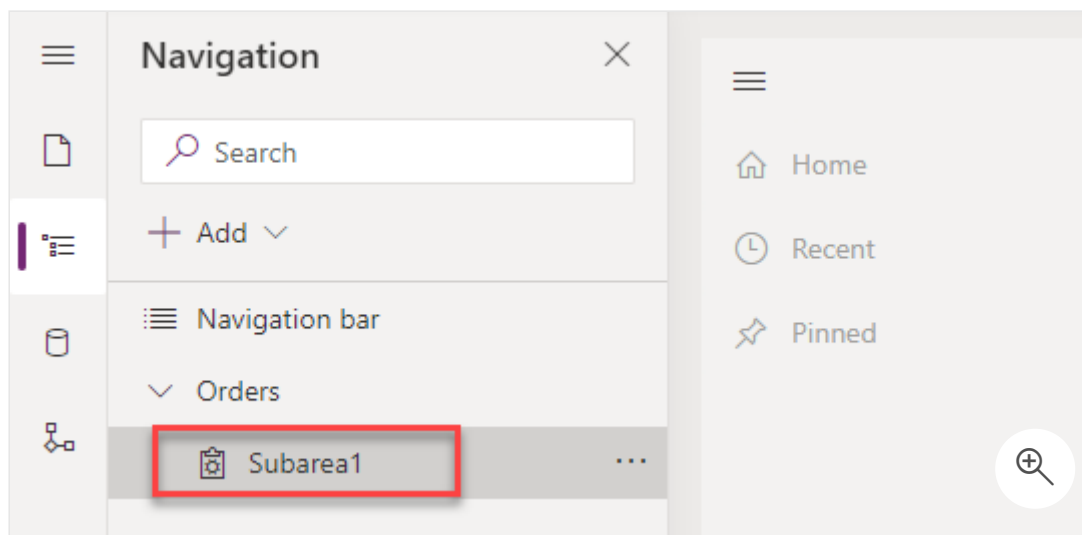5. Select the **Navigation** tab and then select **Group1**.

6. Go to the Display options pane, enter **Orders** in the **Title** box and **nav_ordersgroup** in the **ID** box.

> ⓘ **Note**
>
> The properties panel on the right will only show if you select **New Group** on the left.

7. Select the **Subarea1** option.

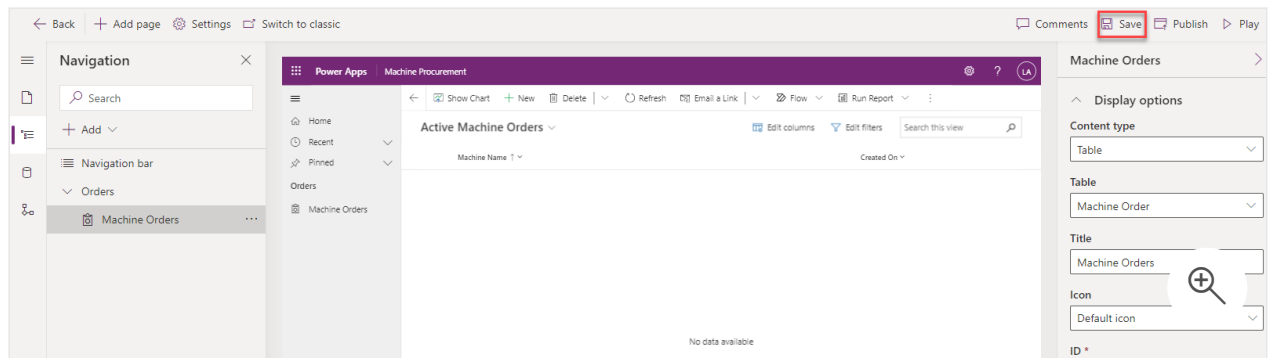8. Select **Table** from the **Content type** dropdown menu, select **Machine Order** from the **Table** dropdown menu, enter **Machine Orders** in the **Title** box, and then enter **nav_machine_orders** in the **ID** box.
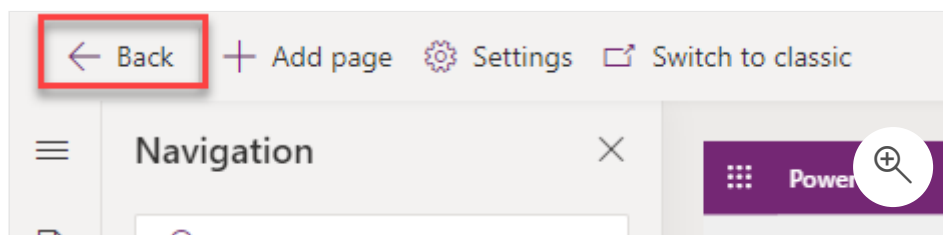
9. The application should now resemble the following image. Select **Save**.

10. **Publish** the application.

11. Select the **Back** button to navigate back to your solution.

Task: Add procurement columns to the Machine Order table

In this task, you add new columns to the Machine Order table. The columns that you'll add will support the business process flow, which you'll build in the next exercise. When you use a business process, it consists of stages, which you can consider major milestones in completing the work. Each stage has one or more steps. These steps help users keep track of what they need to do before advancing to the next stage. Steps are simply columns on the table. To accelerate the process of creating the business process in this task, you'll first create the columns that you need.

To support this scenario, you add the following columns to the table:

- **Capital Approved** - You use this column in the flow to capture that the machine order has received capital approval.

- **Send Survey** - You use this column in the final stage. Currently, the team plans on manually sending a survey to determine how the user's ordering experience was, and they'll manually verify this fact after they've sent the survey. However, the team wants a future update to automate sending a survey in a future release.

1. Go to Make Power Apps   .

2. Select **Solutions** and then open the **Contoso Coffee** solution.

3. Select **Tables** and then open the **Machine Order** table.
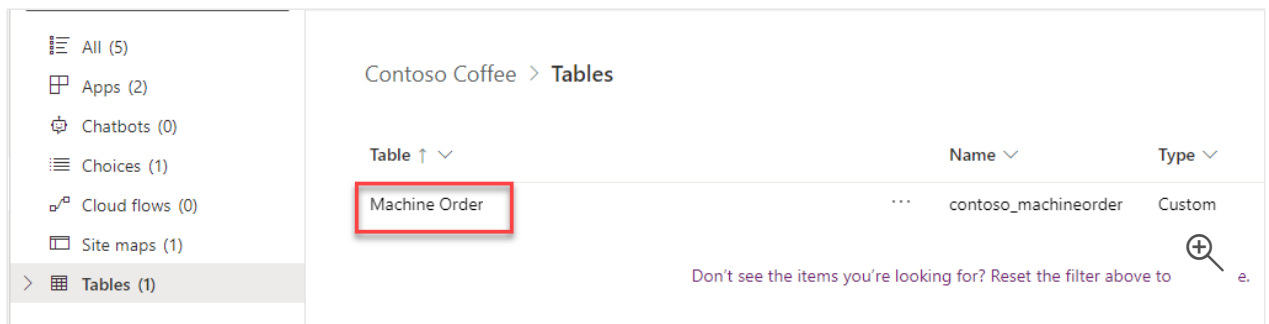
4. Select **+ New > Column**.
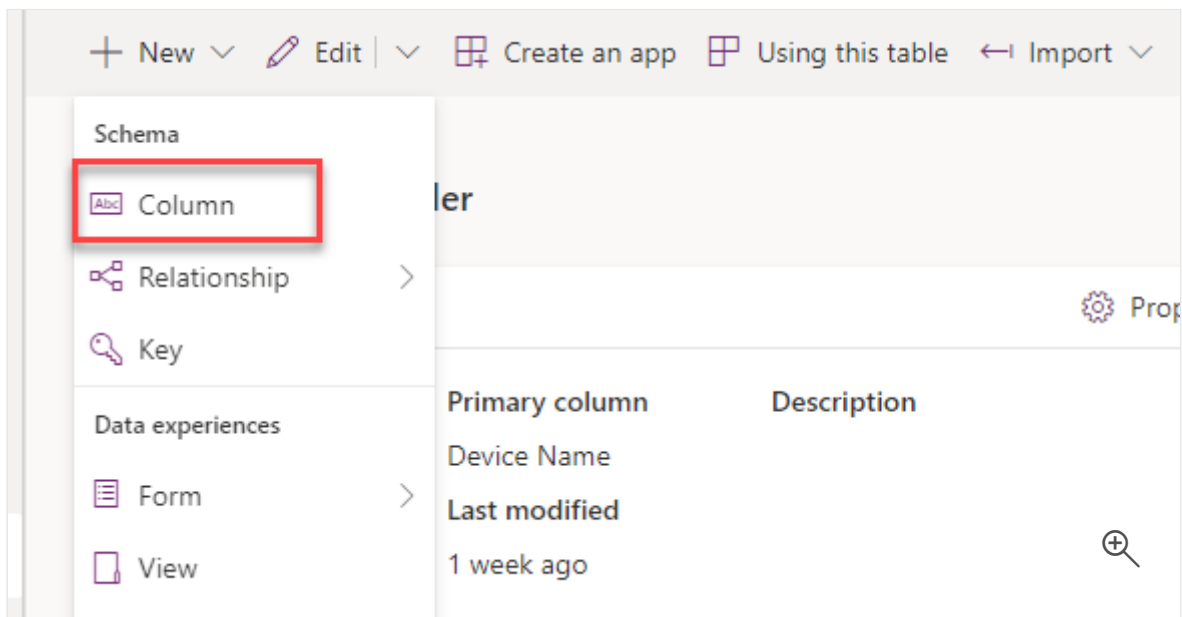
5. Enter **Capital Approved** in the **Display name** field, select **Yes/No** from the **Data type** dropdown menu, and then select **Save**. A **Yes/No** data type is used in this case because, when you use it as a step in the business process, you want the ability to mark it as completed. The **Yes/No** column type is similar to a true or false column.

New column

Previously called fields. Learn more

✕

Display name *

Capital Approved

Description ⓘ

Data type * ⓘ

⬤ Yes/no ⌄

Behavior ⓘ

Simple ⌄

Required ⓘ

Optional ⌄

Save   Cancel

6. Create four more **Yes/No** columns and name them **Machine Received**, **Machine Configured**, **Send Survey**, and **Machine Delivered**.

New column

Previously called fields. Learn more

Display name *

Machine Received

Description ⓘ

Data type * ⓘ

🔘 Yes/no ⌄

Behavior ⓘ

Simple

Save   Cancel

New column

Previously called fields. Learn more

Display name *

Machine Configured

Description ⓘ

Data type * ⓘ

🔘 Yes/no ⌄

Behavior ⓘ

Simple ⌄

Save   Cancel

New column

Previously called fields. Learn more

Display name *

Send Survey

Description ⓘ

Data type * ⓘ

⬤ Yes/no ⌄

Behavior ⓘ

Simple ⌄

⊕

Save   Cancel

New column

Previously called fields. Learn more

Display name *

Machine Delivered

Description ⓘ

Data type * ⓘ

⬤ Yes/no ⌄

Behavior ⓘ

Simple ⌄

⊕

Save   Cancel

7. Add another column with the name of **Supplier Order ID**, select **Single line of text** from the **Data type** dropdown menu, select **Text** from the **Format** menu, and then select **Save**. Notice that you're not making this column required. You make it a required column in the business process later in the lab.

New column

Previously called fields. [Learn more](#)

Display name *

```
Supplier Order ID
```

Description ⓘ

```

```

Data type * ⓘ

```
Abc Single line of text                    ⌄
```

Format *

```
Abc Text                                   ⌄
```

Behavior ⓘ

```
Simple                                     ⌄
```

Required ⓘ

```
Optional                                   ⌄
```

✓ Searchable ⓘ

Advanced options ⌄

Save Cancel

Next unit: Exercise - Add a business process flow

Continue >