In Short  
(Written based on [This](https://learn.microsoft.com/en-us/power-apps/maker/model-driven-apps/model-driven-app-overview) page its information)  
  
Model driven apps are apps that focus on displaying dense amounts of data in 1 app. Model driven apps can also be referred to as “data model” driven apps as without a data model they are completely uncreatable. The data model used for these model driven apps is Microsoft Dataverse and can only be Dataverse, unlike canvas apps.

User experience often boils down to very cutthroat interface with very few aspects of customization.

Benefits of model driven over canvas are as follows.

* Once set up, build process is very rapid
* User interface is global across mobile and desktop
* Accessibility and responsiveness is built into the app automatically
* UX is consistent across all model driven apps, due to the lack of customization.
* Using solutions migrating apps between the developmental environments is relatively straightforward

To begin making a model driven app you need to meet at least a few prerequisites

* A power apps license.
* The capacity to create a power platform environment, this is a feature in PowerApps and dynamics 365 licenses.
* A power platform environment (duh)
* Within said environment a Dataverse database.
* Correctly assigned security roles for the job that needs to be done
* At least one table
* And at least one column, view and form table to do their respective tasks.

When cut down to the fundamentals, The step by step process for building and sharing a model driven app is as follows.

* Modeling business data. To ensure that data is constructed in the correct way to tackle the business problem.
* Defining business processes. To assist users and help them update the tables to complete their work more efficiently and accurately
* Composing the app. To create and tailor the app to only contain the elements that are relevant
* Configuring security roles. To ensure that data isn’t accessible for users that should not have access to said information by establishing proper role hierarchy
* Sharing the app. Well I think this one speaks for itself.

First experience creating a model driven app.

Following a short guide Microsoft provided with the permissions I have in the environment in power apps I quickly figured out how to make a “solution”, solutions can be seen as a neater way to store all files related to the current project you are working on, ranging from apps to agents to tables. Setting up a solution is pretty straightforward, however with my limited knowledge on how tables fully work / on how to add custom ones I am not fully sure on how hard new tables are to make and how dataverse works.