

## PowerApps (Course Curriculum)



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## Syllabus & Course Outline

<b>Course Name</b>	PowerApps
<b>Duration</b>	1.5 months (Weekend)/20-25hr session
<b>Delivery Mode</b>	Classroom/Online
<b>Key Features</b>	Lab/Workshop Sessions, Demo Interview Sessions, Job Assistance Group, Job Support
<b>Training kit</b>	Course related software, Notes, Practice questions, & Others

**Power Apps** is a collection of apps, services, and connectors, and also a data platform, that allows you to quickly create unique apps for your organisation. You may quickly create customized business apps with Power Apps that connect to data stored in the underlying data platform (Microsoft Dataverse) or in various online and on-premises data sources (such as SharePoint, Microsoft 365, Dynamics 365, SQL Server, and so on). By giving you the option to create customized applications, Power Apps not only helps you enhance efficiency and productivity, but it also assists you turn innovations into operational solutions.

SDL deliver the best industry-oriented PowerApps training course that aids the aspirants to learn and implement PowerApps concepts and assists in clearing the certification exam. This PowerApps certification training course provides you with in-depth knowledge of the content required for learning PowerApps which incorporates the concepts such as overview of powerapps, canvas app options, canvas controls control properties and components in powerapps, variables, delegation controls, etc. Enroll today at HKR for accepting the new challenges to make the best outcome out of our PowerApps online training course.

## Overview of PowerApps

Introduction to Power Platform

Types of PowerApps

PowerApps building blocks

## PowerApps Canvas Overview

Canvas App Overview

Canvas App building blocks

Canvas App Studio Overview

## Beginning with PowerApps

Create an app from template

Canvas App Layouts

Create a Blank Canvas App

Types of Screens in Canvas App

Canvas App Screen Properties

Renaming & Reorder Screen

## Overview of Canvas Controls & Example

Introduction to different type of controls

Adding & Selecting a control

Renaming the unique name of control

Deleting a control

Reorder, Move & Resize a Controls

Changing the label text or a button

Configuring a control from the toolbar

Configuring a control from the Properties tab

Configuring a control in the formula bar

## Control Properties PowerApps

Properties of different Controls

Adding and configuring controls in canvas app

## Navigations & Notifications

Navigate Function & Its Parameters

Notify Function & Its Parameters

After completing this module, folks will be able to understand

- Concept of data modelling, Types of relationship & Introduction to DAX.

## PowerApps Connectors

What is PowerApps Connectors

Different Types of Connectors in PowerApps

Use MS Excel as data source

## Introduction to SharePoint Online

Create SharePoint Site

Create SharePoint List

Use SharePoint as data source in PowerApps

## Data Table, Gallery

What is Gallery, Data table & Form

Different Between Gallery & Data table

Different Type of Galleries in canvas

Customizing the forms and gallery controls

## Search & Sort

What is Search Function & its parameters

Implementation of Search function

What is Sort Function & its parameters

After completing this module, folks will be able to understand

- Different types of visualization, drill features & others

## Customizing SharePoint form using PowerApps

Customizing SharePoint form using PowerApps

Saving and publishing the list form back to your SharePoint

Viewing list form in SharePoint

## Logical Condition in PowerApps

If – Else Condition & Its Implementation

Nested If – Else Conditions Its Implementation

Switch Conditions its Implementation

### Examples:

Modifications to data depending on user input  
Hide and show controls based on user inputs

## PowerApps Variables

What is PowerApps Variables

What are Diff types of variable in PowerApps

Scope of PowerApps Variables

Application of PowerApps Variables

Creating Dynamic Sort

## PowerApps Advance formulas

Creating Custom form & using Patch function for Submitting Data

Using UpdateIf function to update a record

Filter, LookUp Function in PowerApps

Difference Between Filter, LookUp & Search

Cascading Dropdowns

## Collections in PowerApps

What is Collection

How to create a collection

Diff between Collect & Clear Collect

Application of Collection

## Components in PowerApps

What are PowerApps Components

How to create a Component

Application of Components

## Custom Alerts & Popups in PowerApps

How to Create Custom Alerts & Popups

## Versioning in PowerApps

What is Versioning in PowerApps

How to Restore a version

## Sharing PowerApps

## Export/Import PowerApps

## Introduction to Dataverse

Overview of Microsoft Dataverse

Diff Type of Table in Dataverse

Create a Table in Dataverse

Views & Forms in Dataverse

Relationships in Dataverse

Charts & Dashboards



## Introduction to Model Driven PowerApps

Overview of Model Driven PowerApps

What is site map, how to map Dataverse table

Create views in model driven app

Create forms in model driven app

Business Roles in model driven app

Create charts in model driven app

Create Dashboard in model driven app

## Introduction to Power Automate

Overview of Power Automate

Types of Power Automate flows

Power Automate Connectors

What are triggers

What are actions

Sending email notifications

Conditions in Power Automate

Approval process in Power Automate

After completing this module, folks will be able to understand

➤ RLS, Publishing of reports, Apps & Others.