



cloudthat



Microsoft

# PL-900: POWER PLATFORM FUNDAMENTALS



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Course Level:

Beginner

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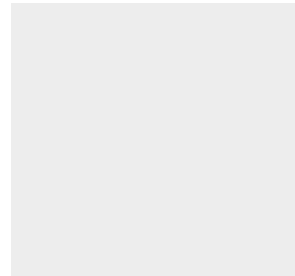
Course Duration:

1 Day

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## Course Overview:

This exam measures your ability to describe the business value of Power Platform; identify the core components of Power Platform; demonstrate the capabilities of Power BI; describe the capabilities of Power Apps; demonstrate the capabilities of Power Automate; and demonstrate the business value of Power Virtual Agents.



## Prerequisites

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- Should have general programming knowledge or experience
- Should have a foundational knowledge of Power Platform
- Should have knowledge of Microsoft Azure services

## Objectives

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- Describe the Power Platform components: Power Apps, Power BI and Microsoft Automate
- Describe the Power Platform components: Common Data Service, Connectors and AI builder
- Describe cross-cloud scenarios across M365, Dynamics 365, Microsoft Azure & 3rd party services
- Identify benefits and capabilities of Power Platform
- Identify the basic functionality and business value Power Platform components
- Implement simple solutions with Power Apps, Power Automate, Power BI, & Power Virtual Agents

With Power Platform Mastery Pass, acquire skills from industry certified Power Platform experts and elevate your career potential by becoming a Microsoft Certified Power Platform Expert with a high-paying job.

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# Course Outline

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## Module 1: Introduction to Power Platform

Learn about the components of Power Platform, ways to connect data, and how organizations can leverage this technology to create business solutions.

### Lessons

- Power Platform Overview
- Module Summary

## Module 2: Introduction to Common Data Service

The Common Data Service allows you to delve into powerful, scalable data solutions in the cloud. Learn what makes the Common Data Service tick and how it can work with the Power Platform to create unique and efficient business solutions.

### Lessons

- Common Data Service Overview
- Module Summary

### Hands-on Lab: Data Modeling

- Create Solution
- Create Entities and Relationships
- Import Data

## Module 3: Get Started with Power Apps

Learn about the value and capabilities of Power Apps, and ways other organizations have leveraged this technology to build simple applications for their business.

### Lessons

- Introduction to Power Apps
- How to build a canvas app

# Course Outline

- How to build a model-driven app
- Introduction to Power Apps portals

## **Hands-on Lab: How to build a canvas app, part 1**

- Create Staff Canvas App
- Complete the App

## **Hands-on Lab: How to build a canvas app, part 2**

- Create Security Canvas App

## **Hands-on Lab: How to build a model-driven app**

- Customize Views and Forms
- Create Model-Driven Application

## **Hands-on Lab: How to build a Power Apps portal**

- Provision a Power Apps portal
- Create a Portal Webpage
- Change the Portal Theme

## Module 4: Get Started with Power Automate

Learn how users can leverage Power Automate to improve business efficiency and productivity.

### **Lessons**

- Power Automate Overview
- How to Build an Automated Solution

### **Hands-on Lab : Power Automate**

- Create Visit Notification Flow
- Create Security Sweep Flow

## Module 5: Get Started with Power BI

Learn how organizations can use Power BI to easily clean, display, and understand data to ensure better-informed decisions.

# Course Outline

## Lessons

- Power BI Overview
- How to Build a Simple Dashboard

## Hands-on Lab : How to build a simple dashboard

- Create Power BI Report
- Create Power BI Dashboard

## Module 6: Introduction to Power Virtual Agents

Learn about the value and capabilities of Power Virtual Agents and ways organizations can leverage this technology to build chatbot solutions for their business.

## Lessons

- Power Virtual Agents overview
- How to build a chatbot

## Hands-on Lab : How to build a basic chatbot

- Sign up for PVA and Create a New Bot
- Create topics
- Test topics
- Change the greeting
- Publish the bot

## Who should attend this course?

- Anyone interested in pursuing the Microsoft Certified Power Platform Fundamentals certification.
- Anyone interested in learning more about the Microsoft Power Platform including Power Apps, Power Automate and Power BI.

## About CloudThat

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CloudThat is the first company in India to offer Cloud Training & Consulting services for mid-market & enterprise clients from across the globe. Since our inception in 2012, we have trained over 500K IT professionals from fortune 500 companies on technologies such as cloud, virtualization, Artificial Intelligence, Machine Learning, IoT, OpenStack, OpenShift, DevOps, MongoDB, Big Data and more.

Through sheer dedication and excellence in the field of cloud training, CloudThat has been recently recognized as VMware Authorized Training Reseller. In addition, CloudThat is a proud Microsoft Gold Partner, AWS Advanced Consulting Partner, Google Cloud Platform Partner, and Databricks Partner. Recently, we have won the Microsoft Asia Superstar Campaign for India-2021 for being a global leader in providing cloud training and consultancy services with exemplary track record.

## Our Success Track

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11+ Years  
of Experience

100+  
Corporates served

28+  
countries catered

650K+  
Professionals trained

300+  
Projects delivered

500+  
Cloud certifications

To know more about our VMware certification training, email at [sales@cloudthat.com](mailto:sales@cloudthat.com) or call us at **+918880002200**.