Power Platform: Getting Started (PL-900)

OVERVIEW OF POWER PLATFORM

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Overview

Power Platform as a service

– What is Power Platform

– Power Platform benefits

– Value of connecting: Microsoft and third-party services and apps

Administration and Security on Power Platform

Compliance and Data Privacy on Power Platform

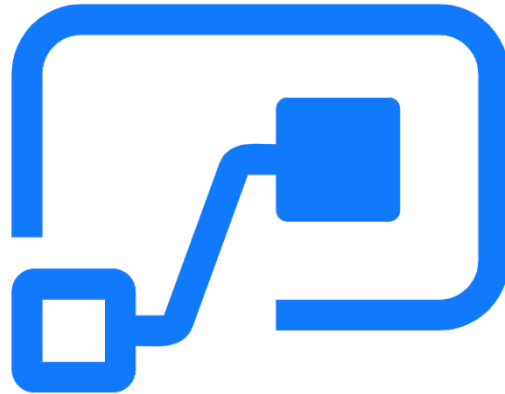Demo: Using Admin Centers in Power Platform

Power Platform as a Service

What Is Power Platform?
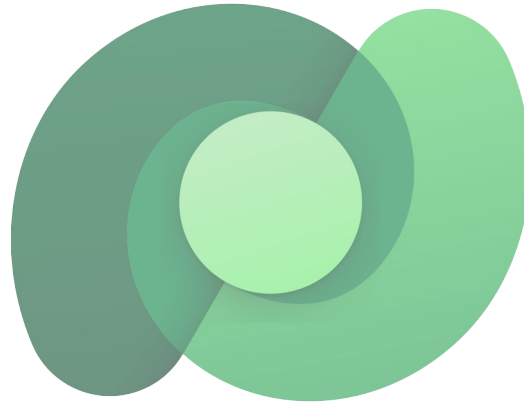

Power Apps

Power Automate
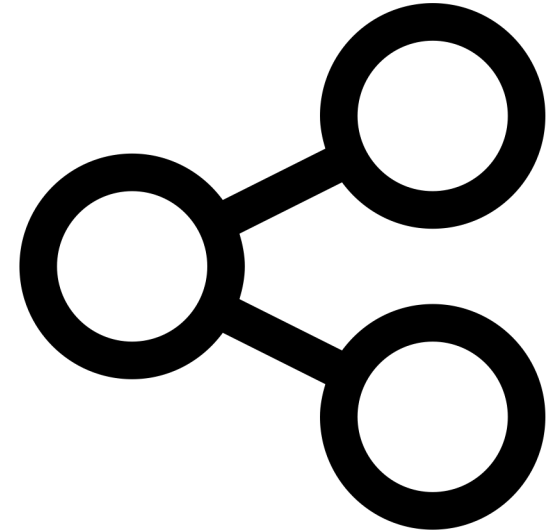
Power BI

Power Virtual Agents

Power Platform Features

Artificial Intelligence
Builder

Microsoft Dataverse

Data Connectors

Artificial Intelligence Builder
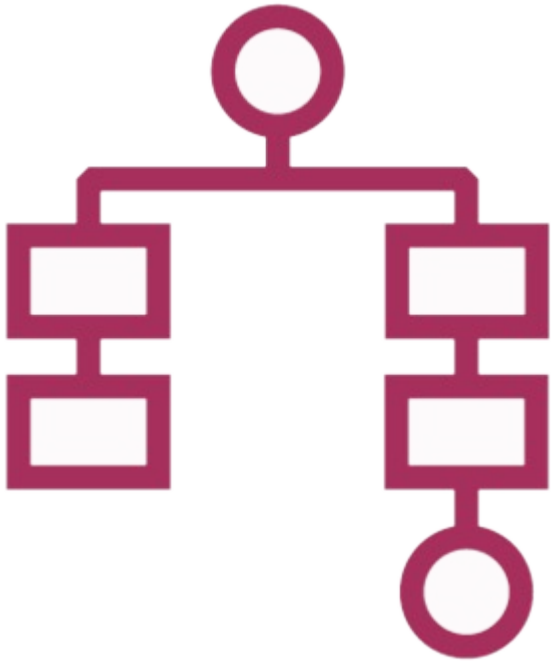
Built AI capabilities with no code

Leverage prebuilt AI models

Create Custom AI models

Available as part of Power Apps and Power Automate
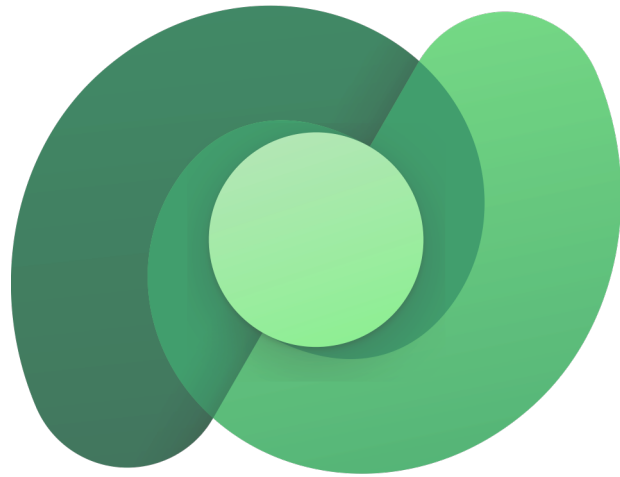
Common Data Model

Simplifies integration between systems and applications

Shared data language

Standardized and extensible data schemas and entities

Easily share and understand the same data

Microsoft
Dataverse

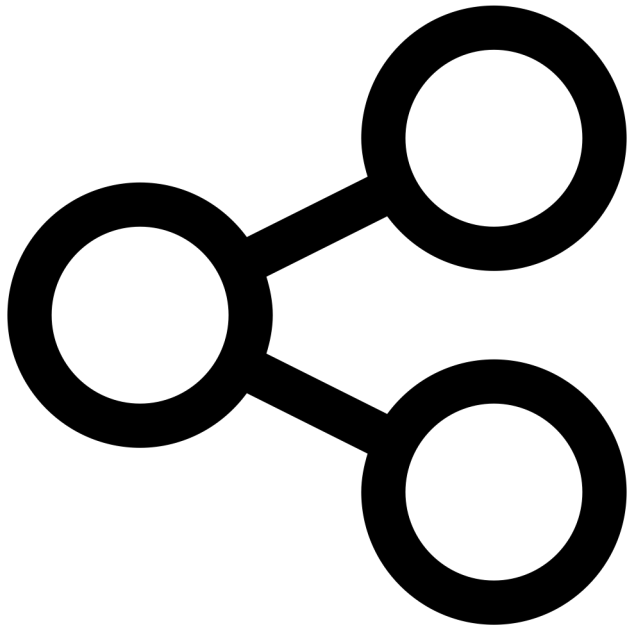Central data repository

Leverages Common Data Model

Built-in connectors and APIs

Standard and Complex entities and multiple field types

Secure data using role-based security, business rules and environments

Built-in integration with the Power Platform products

Data Connectors

Microsoft services including Azure Cognitive Services

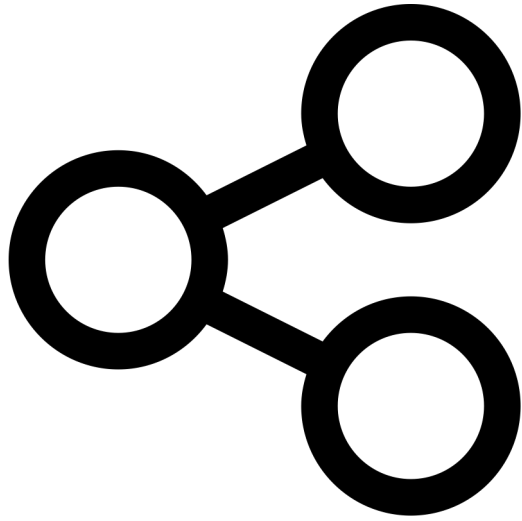Built-in Data Sources

– Standard and Premium connectors
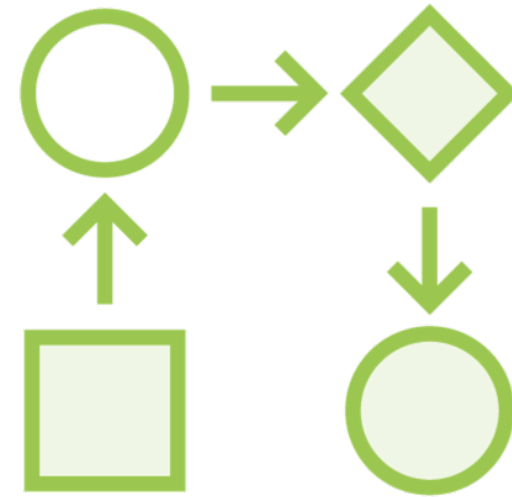
Multiple available operations

Supports Custom Connectors

Create from scratch, OpenAPI definition or Postman collection (and Azure services – preview)

Power Platform Data Types

External Data (Connectors)
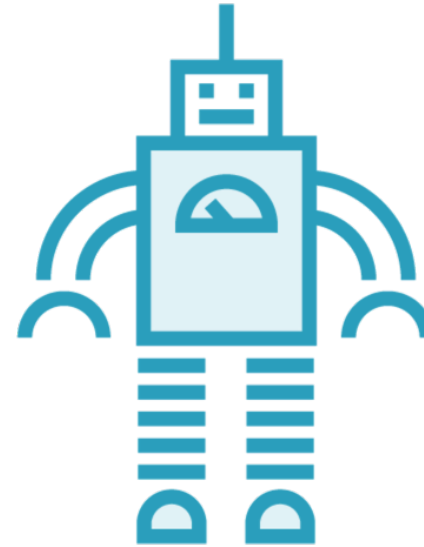
Internal Data
(Microsoft Dataverse)

Power Platform Benefits

Analyze
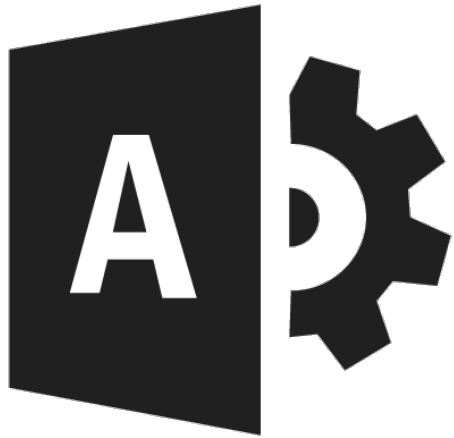
Act

Automate

Engage

Administration and Security
on Power Platform

Power Platform Admin Centers

Power Platform
Admin center

Power Apps Admin
center
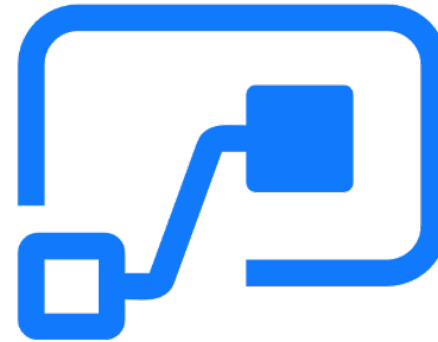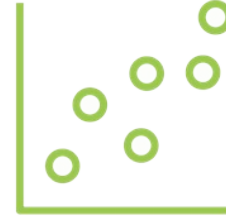
Power Automate
Admin center

Power BI Admin
center

Dynamics 365 Administration center

Power Platform Admin Centers Capabilities
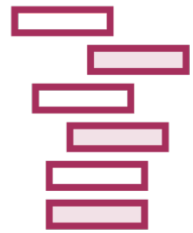
Manage Environments and Resources

Analyze Key Metrics

Manage Data Policies

Technical Help and Support

Manage Data Integration

Manage Data Gateways

Maintaining Data Integrity in Power Platform

Security

Privacy

Compliance

Security

Authentication and Licenses

- docs.microsoft.com/en-us/power-platform/admin/pricing-billing-skus

Environments

- Single geographic location
- Default environment per tenant

Identity and Access Management (IAM)

Microsoft Dataverse

- Role-based security model
- Business Units and Teams
- Entity/Record Access

Data Loss Prevention Policies

- Connector Classification (Business, Non-Business, Blocked)
- Tenant and Environment-level scope

Governance

Power Automate Governance Templates
- preview.flow.microsoft.com/en-us/templates/

Powershell Cmdlets and Management Connectors

Power Platform Center of Excellence Starter Kit

github.com/microsoft/coe-starter-kit

Compliance and Data Privacy

Trust Center
- microsoft.com/en-us/trust-center

Data Location

Data Protection
- Transparent Data Encryption (TDE)
- TLS
- Data Gateway
- GDPR

Compliance Manager
- Assessments
- Templates
- Action Items
- Controls Info
- aka.ms/compliancemanager

Service Trust

Data Gateway

Secure data transfer between on-premises and Power Platform

Managed via Power Platform Admin Center

Two types available

- On-premises data gateway
- On-premises data gateway (personal mode)

Best Practices to Secure and Govern Your Power Platform Tenants

Perform risk assessments and define mitigation plans

Create communication plans

Plan and design environments

Define and implement Data Loss Prevention policies

Demo

Steps

- Access Power Platform Admin center

- Create an environment

- Create a data policy

Summary

Explore Power Platform as a Service

Understand the features and benefits of using Power Platform

Understand Power Platform Core components

Understand administration and security on Power Platform

How to use compliance resources, systems and tools available to comply with legal and regulatory standards