Microsoft 365

Power Platform Well-Architected Framework

Monitoring Tools

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Overview and Intended Audience

This session is to discover and assist with defining a monitoring solution for the Power Platform.

This is a technical discussion and is designed to be strategic in nature providing specific solutions to common challenges.

The intended audience includes:

- Business Stakeholders
- Key Decision Makers
- Directors
- Architects
- Operations

What is Monitoring and Why do I need a strategy?

At a high level, monitoring is the ability to extract information about how your applications and platform are being used, how they are performing and the evolution of your business data.

Insights collected from monitoring quite frankly will shape how your business plans and operates.

Having a proper monitoring strategy in place as you are planning your solution is ideal. That said, there is no time that implementing this strategy is a bad choice.

Monitoring Tooling

What monitoring tools are available out of the box?

- Microsoft provides several first party tools that can be used for sources of monitoring. These include:
  - Microsoft Fabric
  - Azure Synapse Link
  - Azure Application Insights
  - Microsoft Dataverse API
  - Microsoft SQL Replica
  - Microsoft Graph API

- With that in mind, each organization will have to solution monitoring and possibly delivering data points relevant to signals they are interested in.

Where can I go and what signals can I look for?

Business Data Trends and Analysis
- *"What is my data telling me?"*

Tenant and Environment Level Analysis
- *"Are my makers able to use and how are they using the platform?"*

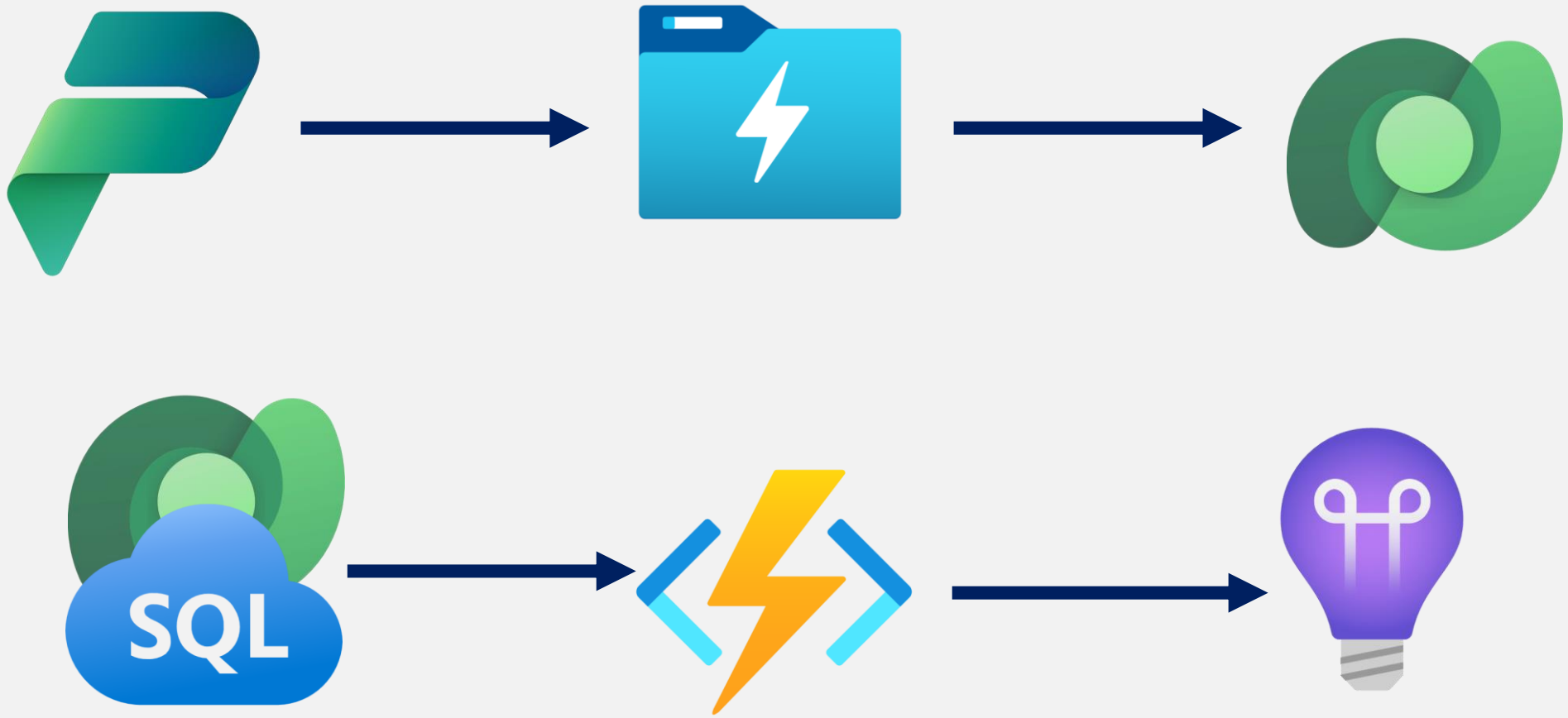
Operational Data
- *"When an event happens, how can I be notified?"*

Business Data Trends and Analysis

- Signal: *"What is my data telling me?"*
- Example: *"What does my async backlog look like?", "Is my team meeting its SLAs?"*
- Key Roles: Decision Makers, Business Stakeholders, Operations
- Tools: Microsoft Fabric, Data Activator, Power Automate, Dataverse API, TDS Replica, Azure Function, Azure Application Insights, Power BI

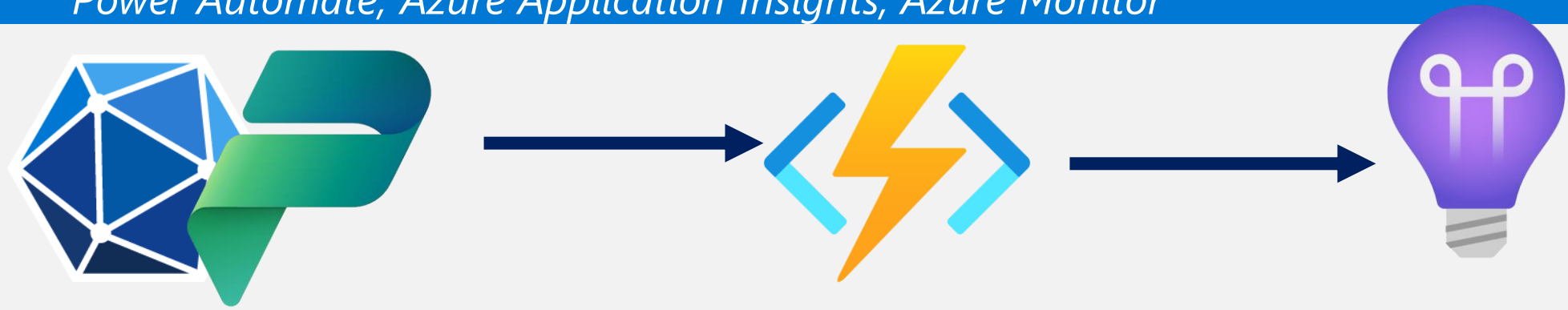
Tenant and Environment Level Analytics

- Signal: *"Are my makers able to use and how are they using the platform?"*
- Examples: *"Is the platform available?", "Are my apps up to date?", "Are my apps compliant?"*
- Key Roles: Decision Makers, Governance and Adoption Teams, Operations
- Tools: Tenant Level Analytics Data Export, Center of Excellence, Power BI



Operational Data

- Signal: *"When an event happens, how can I be notified?"*
- Examples: *"Are users throttled?", "Are integrations up and running?", "How long are data loads taking?"*
- Key Roles: *Operations, Governance and Adoption*
- Tools: *Power Platform API, Business Applications Platform API, GitHub/DevOps API, Azure Function, Power Automate, Azure Application Insights, Azure Monitor*



AI Builder

Monitor

Sentinel

Power BI

Alerting, Analysis and Reporting Layer

Data Activator

Blob Storage

Power Automate

Functions

Extraction Layer

Dataverse

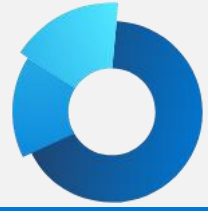
Fabric

Power Platform API

Dataverse

Telemetry Export

Purview



Service Communications

Business Data

Tenant and Environment Data

Operational Data

Additional References

- Power Platform Well-Architected Framework: Defining a Monitoring Strategy
- Monitoring the Power Platform: Power Pages
- Overview of Power Platform Monitoring
- Monitoring the Power Platform Bootcamp
- aliyoussefi/MonitoringPowerPlatform
- aliyoussefi/Microsoft.Dynamics365.OrganizationScanner (github.com)

Thank you!