

# Power BI Metadata Monitoring Accelerator

A scalable solution enabling adoption tracking, content governance, and data discovery

Gain visibility into Power BI usage

# The journey

Companies everywhere are on a journey to modernize, and we help them solve for major milestones:

- A lack of trust in their data
- Fragmented data sources
- Bottlenecks in report generation
- Excel-driven cultures.

But what comes next?



How are we measuring behavior change and adoption?

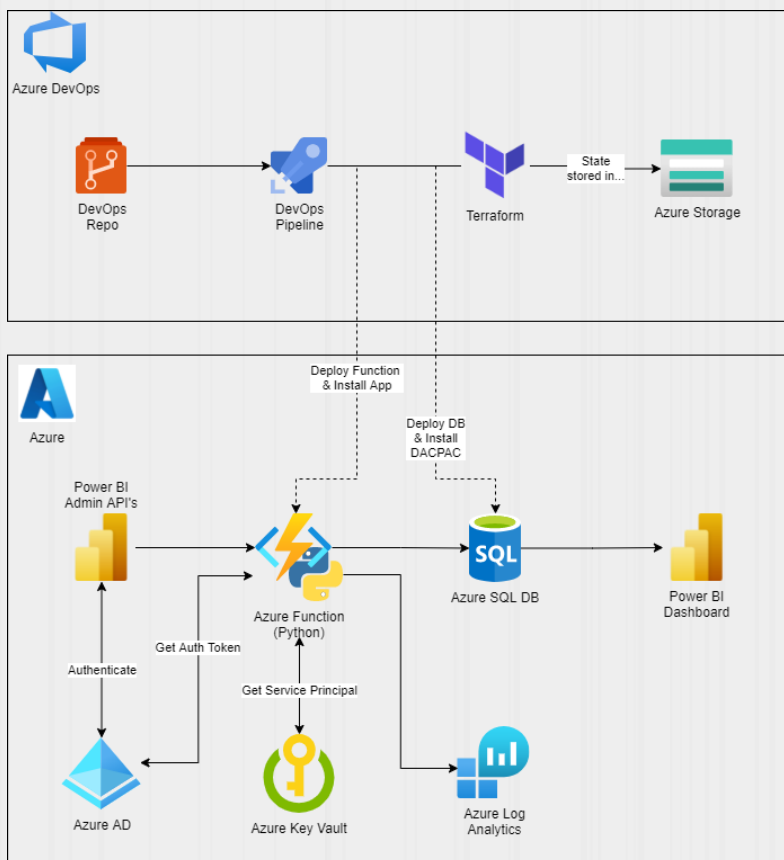


How are we managing and governing content?



How are we enabling data discovery?

# Solution



Extract and transform detailed activity log and metadata through Power BI Admin APIs and land the data into a purpose-built data store for self-service monitoring.



## Integration with Power BI Admin APIs

Custom, pre-built code ready to run in your tenant with only minor configuration.



## Purpose-built datastore

All necessary tables, fields, and views to start monitoring tenant.



## Power BI Monitoring Reports and Datasets

Pre-configured, self-service dataset with associated reports, ready to be customized to fit various monitoring and governance requirements.



## Seamless deployment

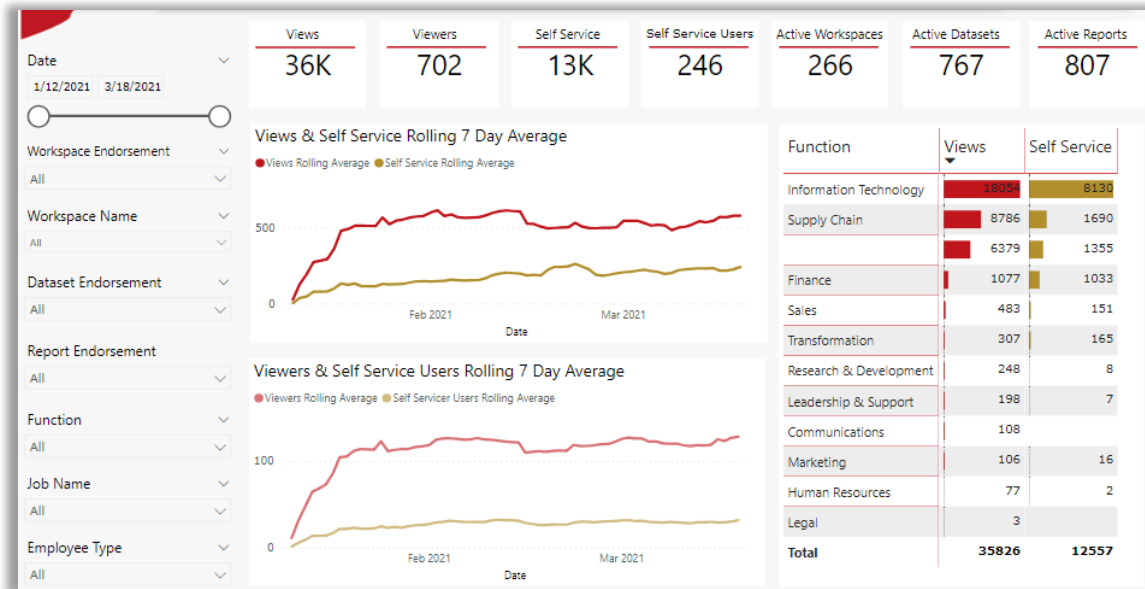
Infrastructure as Code and complete CI/CD pipeline for integration and database elements included in solution to accelerate deployment.

# Example: self-service usage monitoring dashboards



- Monitors overall Power BI usage
- Enable admins to identify popular datasets and reports for future certification
- Identify high-usage Workspaces
- Make strides towards enterprise governance by identifying ad-hoc data sources
- Out of the box usage metrics enhanced to include additional user attributes and focus on datasets

# Example: Leader-Level Monitoring Dashboards



Date

1/15/20213/18/2021

Views

34K

Viewers

686

Self Service

12K

Self Service Users

238

Active Workspaces

261

Active Datasets

743

Active Reports

783

REPORTS

WORKSPACES

DATASETS

USERS

DATA SOURCES

Workspace Endorsement

All

Workspace Name

All

Dataset Endorsement

All

Report Endorsement

All

Function

All

Job Name

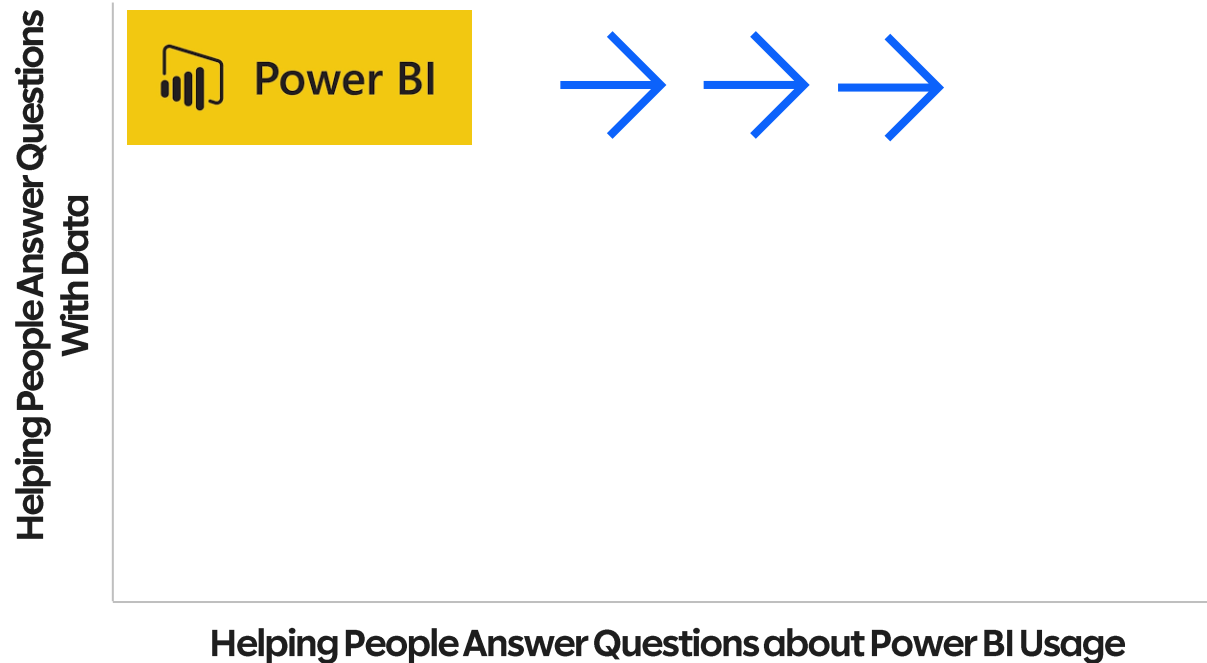
All

Employee Type

All

Report Name	Workspace Name	Dataset Name	Certification	Views	Viewers	Self Service	Self Service Users	Self Service to Views
Coles_Dashboard_v1	ANZ BI Group	Coles_Dashboard_v1	N/A	100	75			
Woolworths_Dashboard_v1	ANZ BI Group	Woolworths_Dashboard_v1	N/A	130	69			
Scorecard	Executive Cockpit	Scorecard	N/A	100	30	5	4	0.4%
Project Management	PPMO Analytics	Project Management	N/A	100	72	149	3	11.6%
Demand Analysis Summary	Supply Chain Control Tower	Demand Analysis Summary	N/A	100	81	206	36	17.0%
Project Status	PPMO Analytics	Project Status	N/A	100	49	1	1	0.1%
IPad Report Version	EE - KPI Dashboard	IPad Report Version	N/A	100	30	101	4	11.5%
Snacks Dashboard	EE - KPI Dashboard	Snacks Dashboard	N/A	100	34	43	6	5.1%
Forward Looking Case Pick	CAR Team Data	Forward Looking Case Pick	N/A	100	23	36	6	4.4%
DDS Reports	Richmond DDS	DDS Dashboard	N/A	100	22	12		
Demand-Supply Reconciliation With financials	Supply Chain Control Tower	Demand-Supply Reconciliation With financials	N/A	100	69	42	18	17.8%
Raw Materials Risk Evaluator	Supply Chain Control Tower	Raw Materials Risk Evaluator	N/A	100	51	81	9	12.6%
SKU Tracker	Commercialization	SKU Tracker	N/A	100	31	16	6	2.6%
DHL Hours Ahead_Behind	CAR Team Data	DHL Hours Ahead_Behind	N/A	100	21	46	3	8.7%
CLT Consumption Report	Executive Cockpit	CLT Consumption Report	N/A	100	24	5	3	1.0%
Snacks SWAT	Supply Chain Visibility	Snacks SWAT	N/A	100	27	35	10	26.3%
Gross Sales M&B	Executive Cockpit	Gross Sales M&B	N/A	100	19	23	5	5.0%
CPU Load Summary	CAR Team Data	CPU Load Summary	N/A	100	26	125	9	28.3%
Executive Scorecard	CAPS	Executive Scorecard	N/A	100	24	7	3	1.6%
Total				29592	663	3009	176	10.2%

# Where does this take you?



## A small subset of unanswered questions...

- What users are performing self-service?
- What are top viewed reports/datasets?
- What are the main actions users are performing with a report?
- What highly used reports/datasets should we promote?
- What reports/datasets should we sunset?
- Who deleted this report?
- Who are the power users?
- Who are the SMEs for this dataset?
- What reports are other users in my function using?

# Getting Started

## Use Case Workshop

2 Hour use case identification workshop with Business and Data leaders

## Monitoring Application Deployment

6-8 week engagement to create Power BI Monitoring capability

## Enterprise Governance Journey

Additional engagement of customized length to mature BI governance principles utilizing the monitoring application



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**How are we managing and governing content?**



**How are we enabling data discovery?**

