Technology
Cue

CASE STUDY

Automate Power BI Management

Client:
Government and Private Sectors

Business Problem:
Lack of Data Lineage and data governance in terms of who have access to what reports? which reports are deployed in what workspace? Automate daily task such as regular check of PBI report failures errors, data sources used within reports, download reports etc.

Solution:
Built an automated solution to extract Power BI metadata using Rest APIs and PowerShell scripts

Outcome:
• Reduced report downtime by 10%
• Improved BAU support productivity by 10%
• Identified unauthorized workspace access
• Improved Data Governance

Automate Power BI Management

Automating Dataset Refreshes	Copy Content of Workspaces
Backup all Reports from PBI Services	Disable Refresh Schedule
Deploy all reports from Local Machine	Copy Dashboards
Download PBI reports from PBI services	Update Data Sources and datasets

Automate Data, Data Lineage and Data Governance

Capture - Who have access to what reports ?	Identifying Data Source used in Reports
Capturing Error details from PBI Services	Capture Workspaces and Reports
Capture Schedule times from PBI services	Capture Data sources and Datsets
Capture Power BI and Azure Audit Logs	Capture Users and AD Groups in workspaces