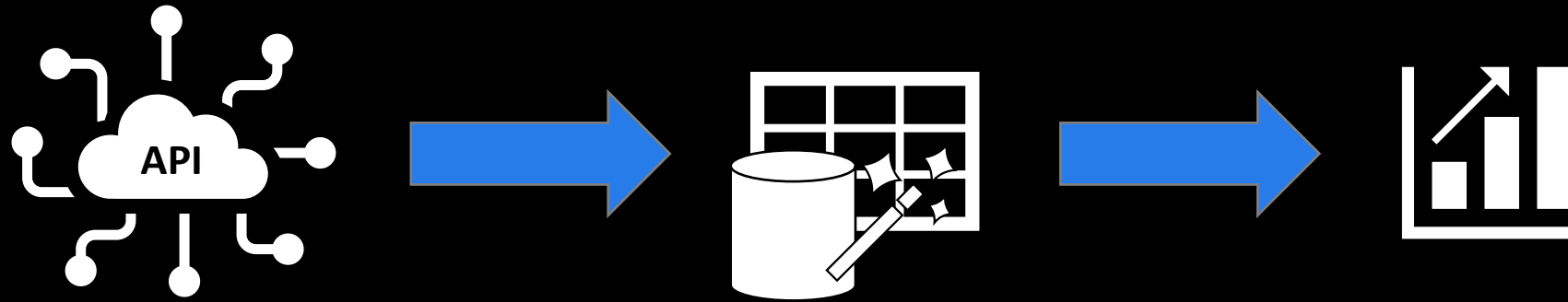


Querying Power BI REST APIs



Within a Power BI Dataset

April 20th, 2023

About Me



Experience

- 11+ years with Microsoft BI stack
- 8+ years with PowerPivot/Power BI
- 5+ years with Azure DevOps

Credentials

- MCSE: Productivity
- MS: PBI Data Analyst
- PMP

Contact Me



@JKerski



John Kerski



Blog

Slides:



Agenda

- Power BI REST APIs
- The Challenges
- Custom Connector
- Demo
- Next Steps



Power BI REST APIs

- Representational State Transfer (REST)
- Application Programming Interfaces (APIs)

The Middleman of Information



Power BI REST APIs (cont.)

- Datasets
 - Data Sources
 - Refresh History
 - Refresh Schedule
 - Execute Queries
- Reports
 - Connects to Datasets
 - Pages (Tabs)
- Workspaces
 - User Access
- Pipelines
 - Deployment History
 - User Access
- Apps



The Challenges

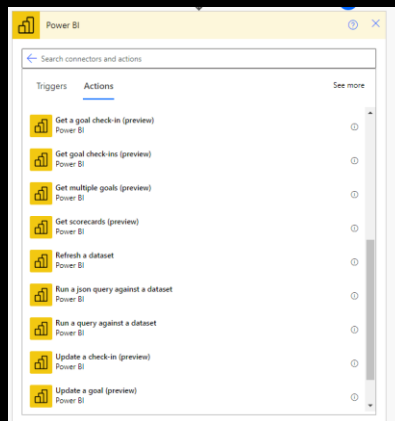
- **PowerShell**
- **JavaScript**
- **.NET**
- **Python**
- **Power Automate**



Everyone Else



Power BI Users





The Challenges (cont.)

As a workspace administrator I'd like to:



Inventory the workspaces I manage



Monitor for issues



Maintain a comprehensive refresh schedule



Introducing...

Power Query Connector to PBI REST API

Commercial Version



GCC Version





Demo



Next Steps

1. Setup the connector
2. Use the template
3. Setup Gateway



Questions?



Power BI Ideas

1. API for Get Refresh Schedule of Dataflows
2. REST API Cmdlet for getting all outstanding Pending Access requests
3. Power BI REST API connector for Power BI Desktop