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SUS05W

Maximize efficiency with Power Query templates

Eyal Schwartz
Principal Program Manager

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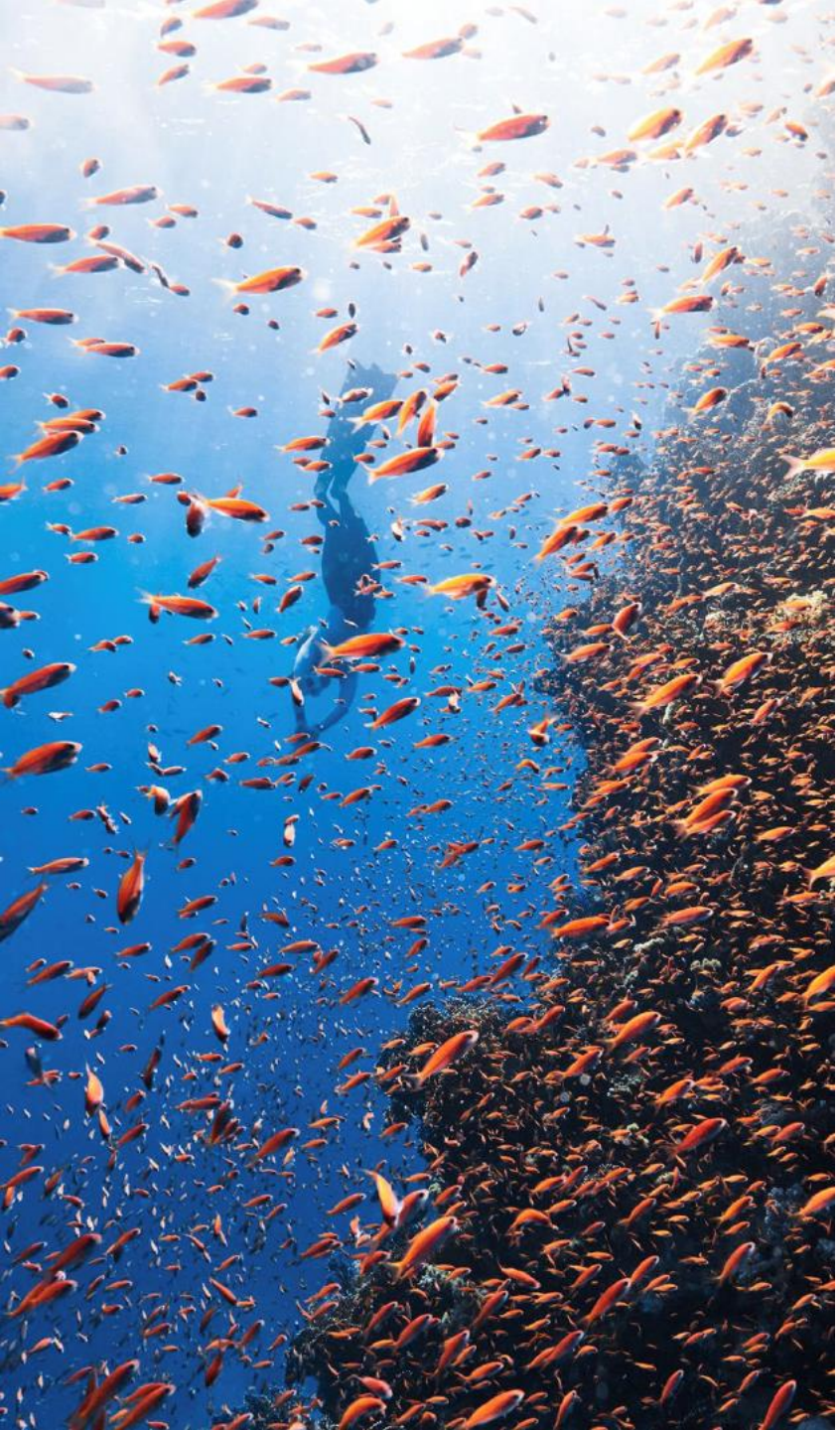
Principal Program Manager

Seasoned Microsoft software professional

Microsoft Sustainability Manager domain expert



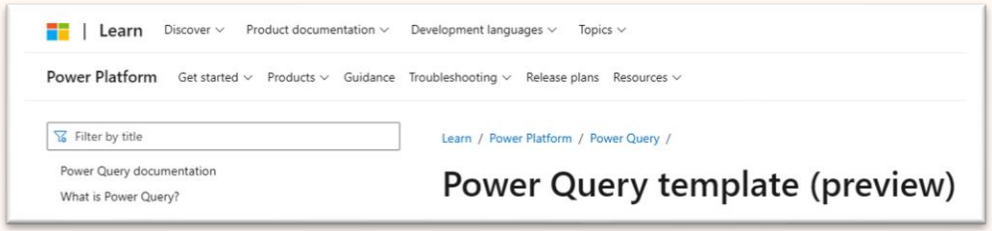
Agenda

- What are Power Query (PQ) templates in MSM
- Why and how to use them in MSM
- PQ templates and 3P connectors
- Q&A

Reference: Import data with Power Query templates - Microsoft Cloud for Sustainability | Microsoft Learn
(https://learn.microsoft.com/en-us/industry/sustainability/sustainability-manager-import-data-power-query-templates)

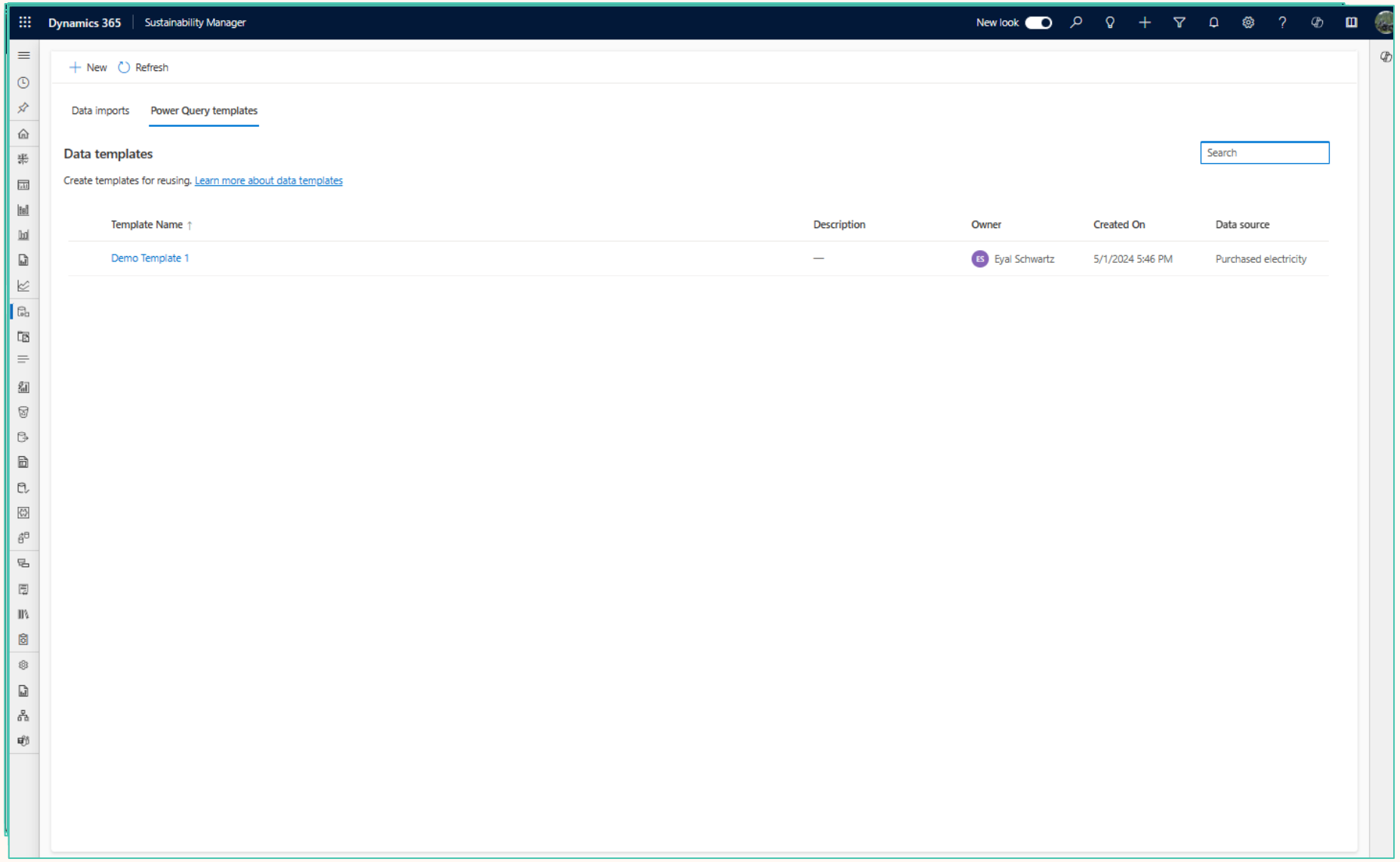
Power Query Templates in MSM

- Power Query in MSM Ingestion: Extract, Transform, and Load
- Power Query (PQ) transformations: Powerful, advanced ingestion action
- Objective:
  - Designer: PQ expert **designs & implements** a template
  - User: Sustainability practitioners **use** the template
- Designer:
  - Define data transformations
  - Use PQ Parameters for *slot-filling*
  - Define attribute mapping
- User:
  - Instantiate template
  - *Fills in slots* to customize ingestion to their specific case
- PQ templates are not specific to MSM
  - *"package your entire Power Query project in a single file"*
- MSM PQ templates add specific functionality
  - PQ Templates + MSM Mapping + Connection wrapper



Walkthrough Demo

- Expert PQ Designer → creates PQ Template in MSM … Practitioner → uses template



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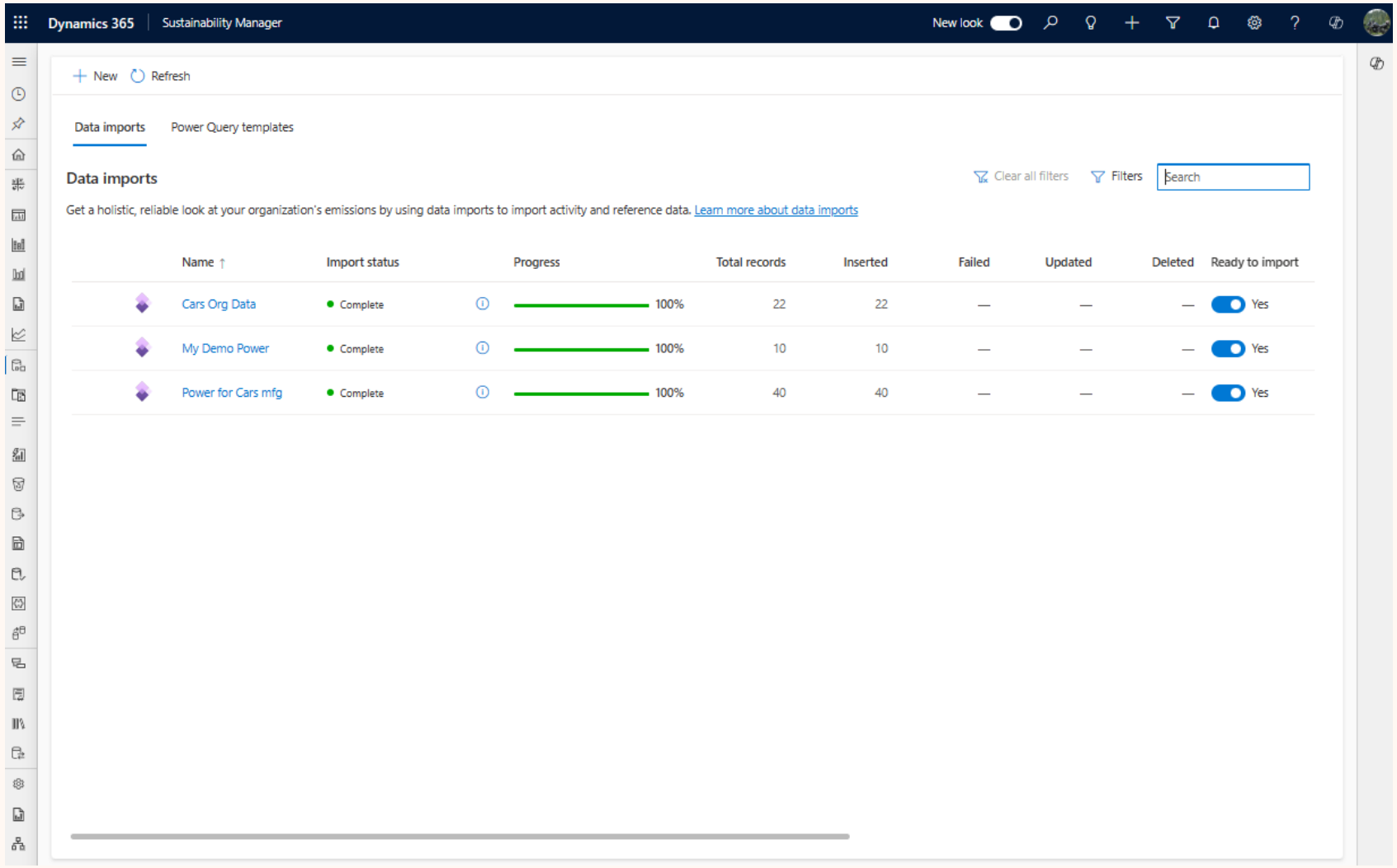

Optional: Power Query Templates with Custom Connectors

- Third Party custom connectors may use this technology stack
- Two types of ingestion connector providers
  - Power Automate (PA)
  - Power Query Template (PQT)
- Advantages
  - Access provider data sources using provider's pre-canned connections (PQT or PA based)
  - Contains custom partner transformations and mapping
- Experience
  - Same as PQ Template – slot filling (not PQ transformation or mapping)

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Thank you!

- **How was the Summit? Share your feedback!**
  aka.ms/MCfSTSFeedback
- **Import Reference Documentation**
  Import data with Power Query templates - Microsoft Cloud for Sustainability | Microsoft Learn
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- **Learning Resources**
  aka.ms/CloudforSustainabilityLearnCollection

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Q&A

Please type your questions **in the chat** and we will answer them during the Q&A session.