

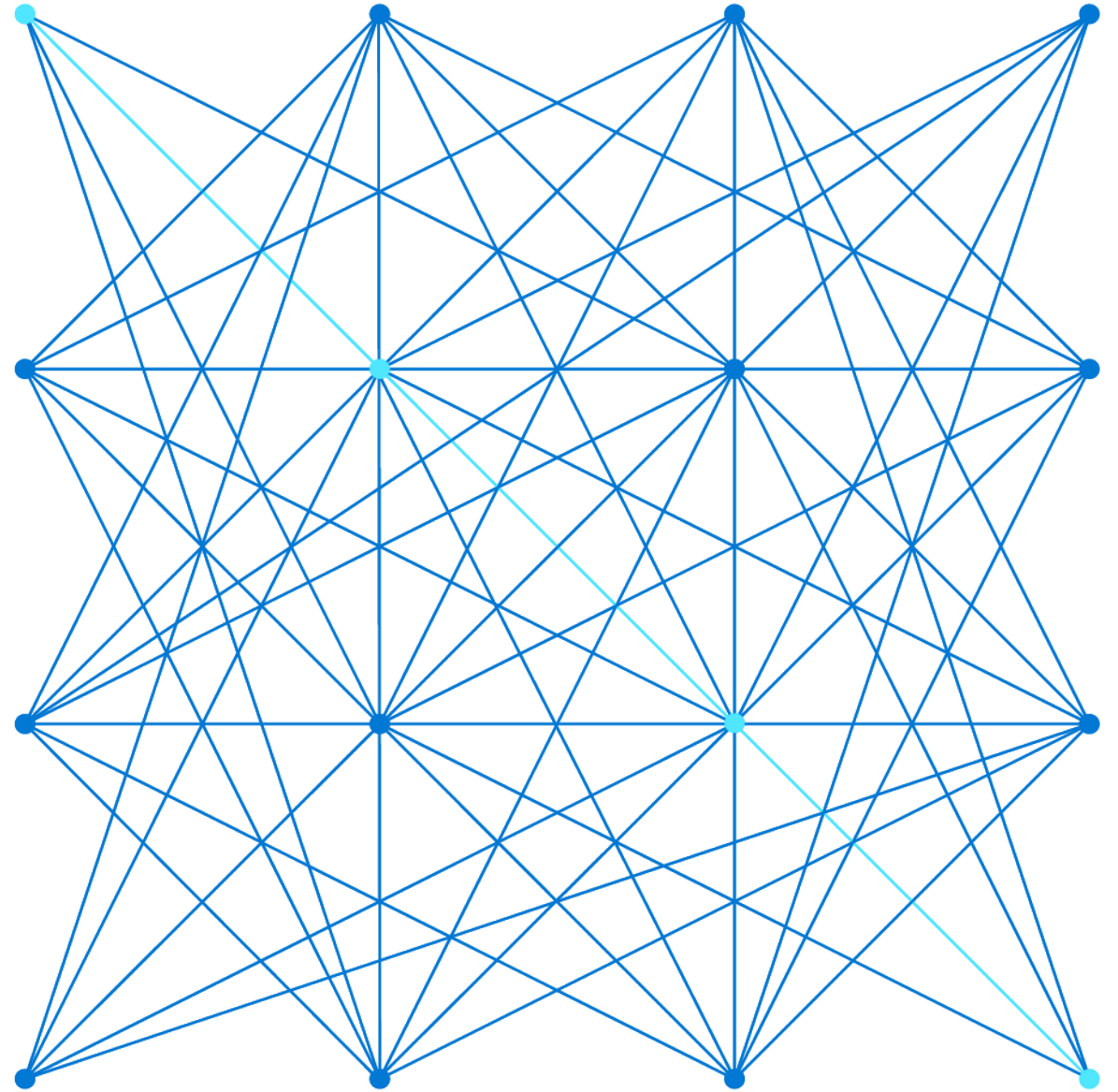
Online Role-based training resources:

**Microsoft Learn**

<https://docs.microsoft.com/en-us/learn/>

# DA-100 Analyzing Data with Power BI

<Name>, <Title>



# **Module 12: Manage Datasets in Power BI**

# Learning Objectives

You will learn the following concepts:

- Parameters
- Datasets





# Lesson 1: Parameters



# Introduction to Datasets and Parameters

- Datasets are published to workspaces.
- Sharing datasets are a productivity boost for report authors.
- The management of datasets involves the implementation of parameters within those datasets.

# Dynamic Reports with parameters

Manage Parameters

New

ABC SalesPerson

Name

SalesPerson

Description

☒ Required

Type

Text

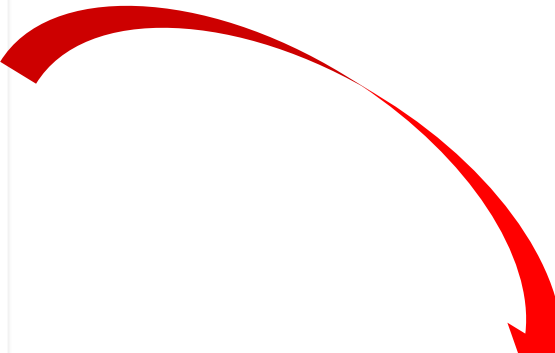
Suggested Values

Any value

Current Value

279

Give end-users more power over the data that is displayed on the report.



	ABC SalesOrderNumber	123 SalesOrderID	123 SalesPersonID	OrderDate
1	SO43659	43659	279	31/05/2011 00:00:00
2	SO43660	43660	279	31/05/2011 00:00:00
3	SO43681	43681	279	31/05/2011 00:00:00
4	SO43684	43684	279	31/05/2011 00:00:00
5	SO43685	43685	279	31/05/2011 00:00:00
6	SO43694	43694	279	31/05/2011 00:00:00
7	SO43695	43695	279	31/05/2011 00:00:00
8	SO43696	43696	279	31/05/2011 00:00:00

# Review Questions

- Q01 – What benefit does dynamic reports provide to end users?
- A01 – It gives the more control over the data that is displayed.





# Lesson 2: Datasets



# Dataset Scheduled Refresh

Re-importing data from the original data source to ensure end users have the most up-to-date data.

▲ Scheduled refresh

Keep your data up to date

On

Refresh frequency 

Daily

Time zone 

(UTC-06:00) Central Time (US and Canada)

Time

6

00

AM

×

10

00

AM

×

3

00

PM

×

[Add another time](#)

✓

 Send refresh failure notifications to the dataset owner

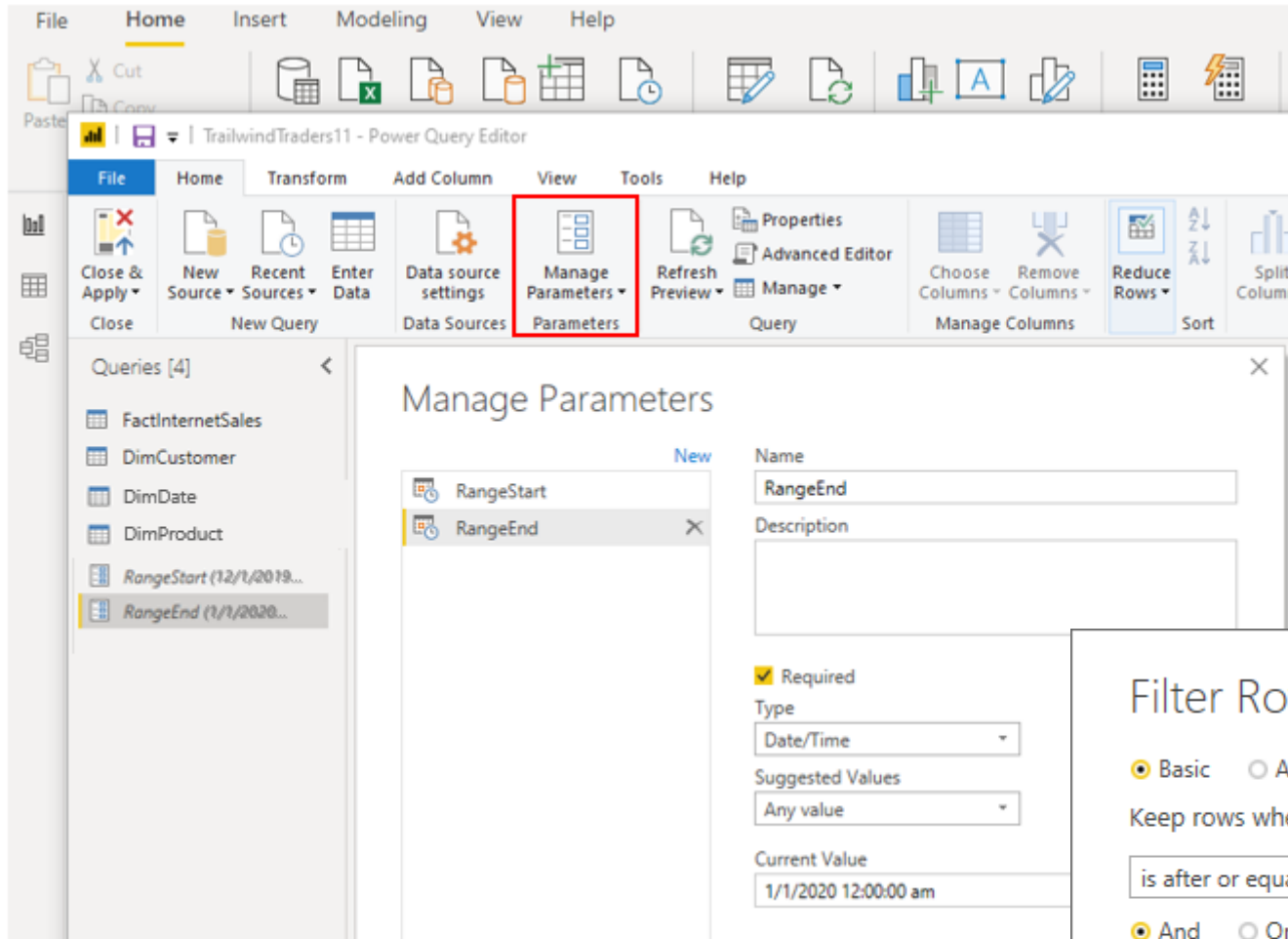
Email these users when the refresh fails

Enter email addresses

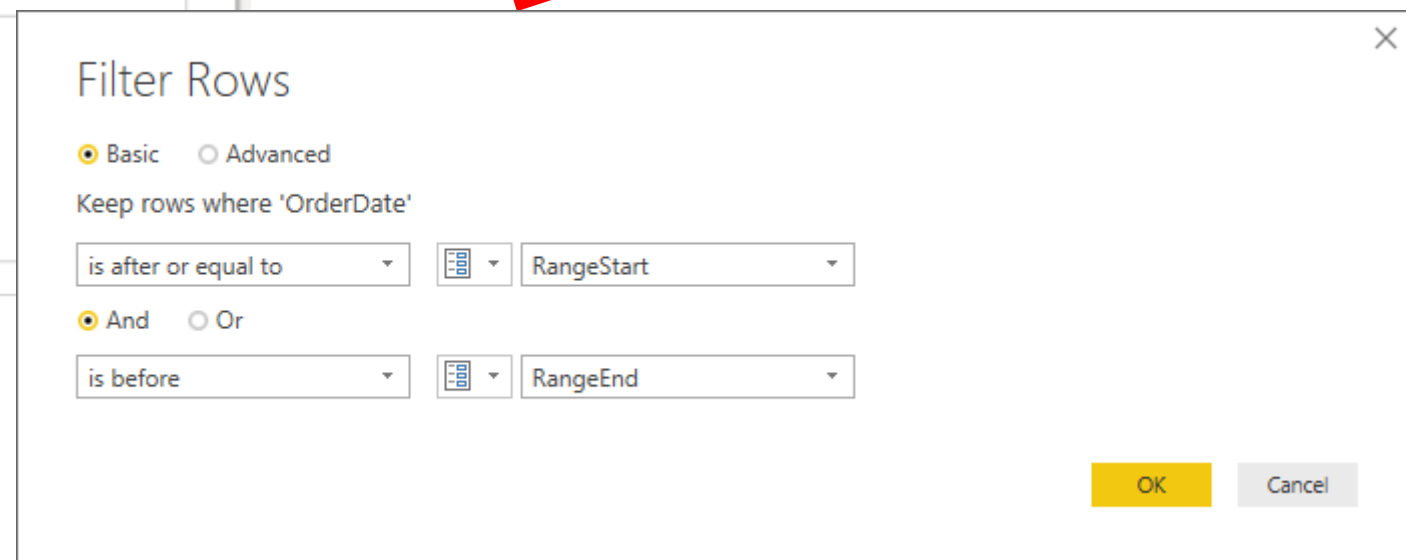
Apply

Discard

# Incremental Data Refresh Settings



- Refreshes are faster.
- Refreshes are more reliable.
- Resource consumption is reduced.



# Manage and Promote Datasets

Two options for endorsing a dataset:

## Promotion

Endorsement

Help your colleagues find, learn about, and connect to your dataset.

☐ Default  
This dataset can be searched for and used by others.

☒ Promoted  
Promote this dataset with a badge to show it's ready to be used by others.

☐ Certified  
Request certification from experts in your org to get a badge that shows it's recommended for use by others. [Learn more](#)

Description

Describe the contents of this dataset.

500 characters left

[Apply](#) [Discard](#)

## Certification

General Alerts Subscriptions Dashboards **Datasets** Workbooks

Settings for TailwindTraders

[Refresh history](#)

AdventureWorksResellerSalesTargets

TailwindTraders

Gateway connection

Data source credentials

Parameters

Scheduled refresh

Featured Q&A questions

Endorsement

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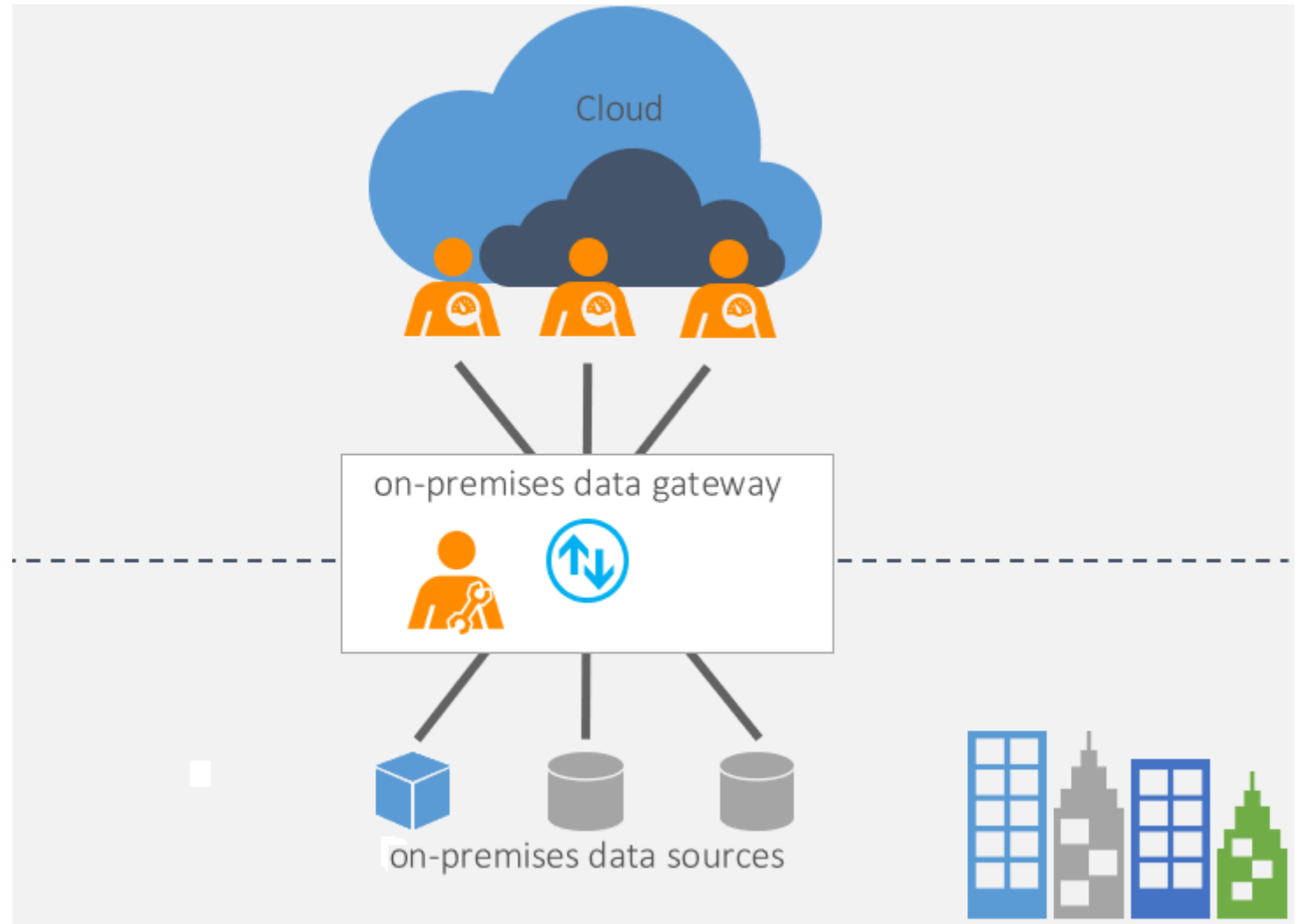
☐ Certified  
Request certification from experts in your org to get a badge that shows it's recommended for use by others. [Learn more](#)

Description

Describe the contents of this dataset.

# Troubleshooting Service Connectivity

- Two types of on-premises Gateways:
  - Organization mode.
  - Personal mode.
- Both modes require the installation of the data gateway on-premises.





# Review Questions

- Q01 – Where are the dataset-scheduled refreshes configured?
- A01 – Power BI Service
- Q02 – What reserved parameters configure the start and end of where Incremental refresh should occur?
- A02 – RangeStart and RangeEnd
- Q03 – What is the difference between Promotion and Certification when endorsing a dataset?
- A03 – Promotion does not need specific permissions while Certification requires permission from the dataset owner to access the dataset.

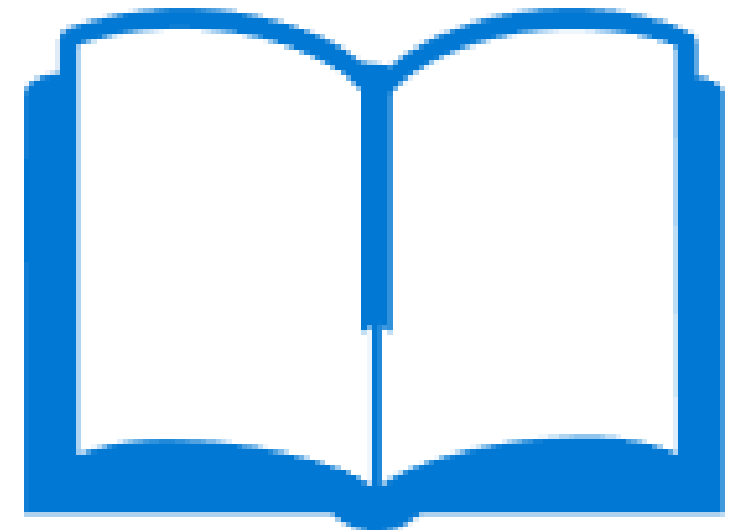
# Module Overview

We covered the following concepts:

- Parameters
- Datasets

# References

- DA-100 Manage datasets in Power BI  
<https://docs.microsoft.com/en-us/learn/modules/manage-datasets-power-bi/>



# Azure Technical Trainer Role Based Training