

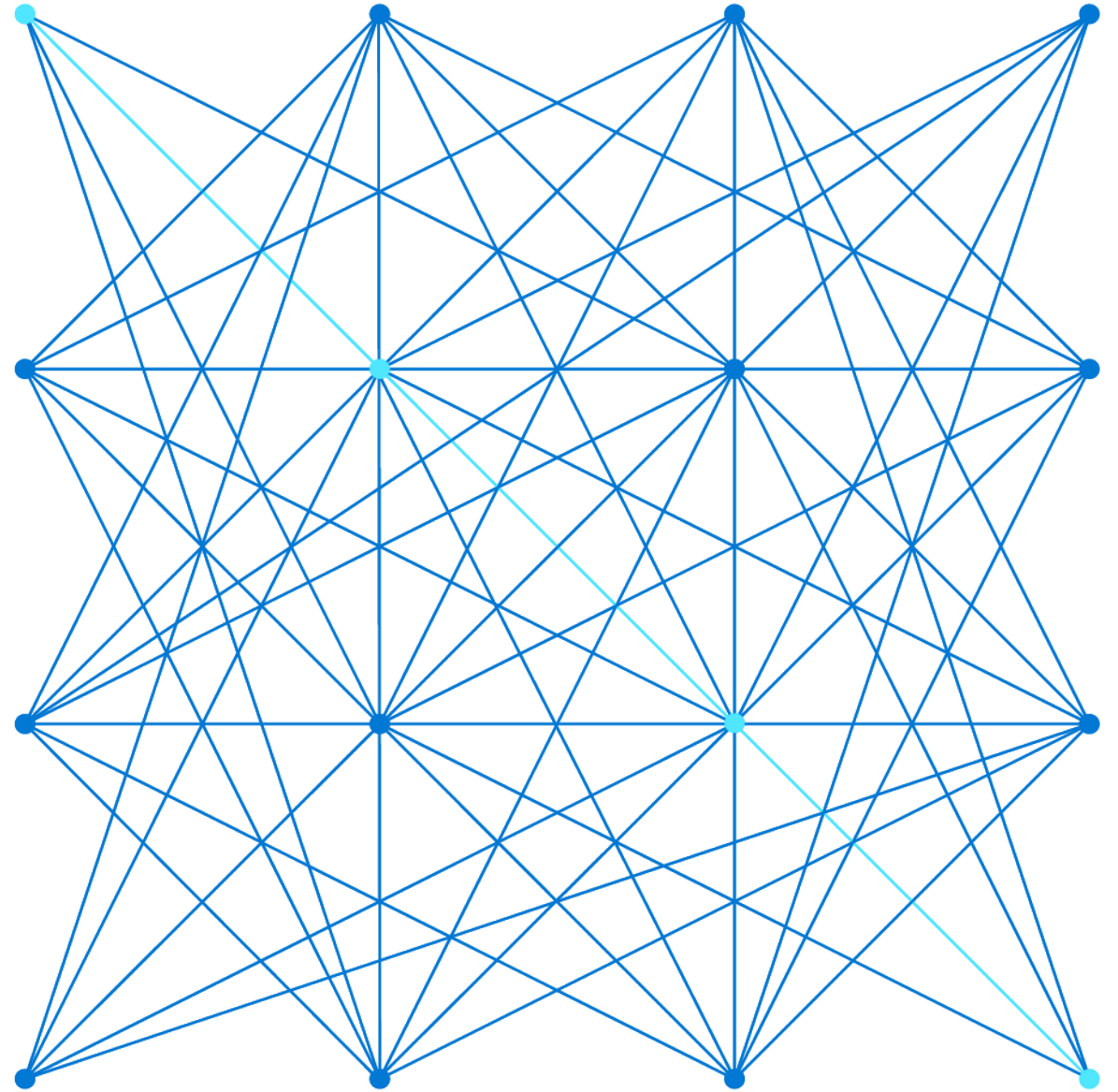
Online Role-based training resources:

**Microsoft Learn**

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

# DA-100 Analyzing Data with Power BI

<Name>, <Title>



# Module 13: Row-level Security

# Learning Objectives

You will learn the following concepts:

- Security
  - Row-level security
  - Static method
  - Dynamic method



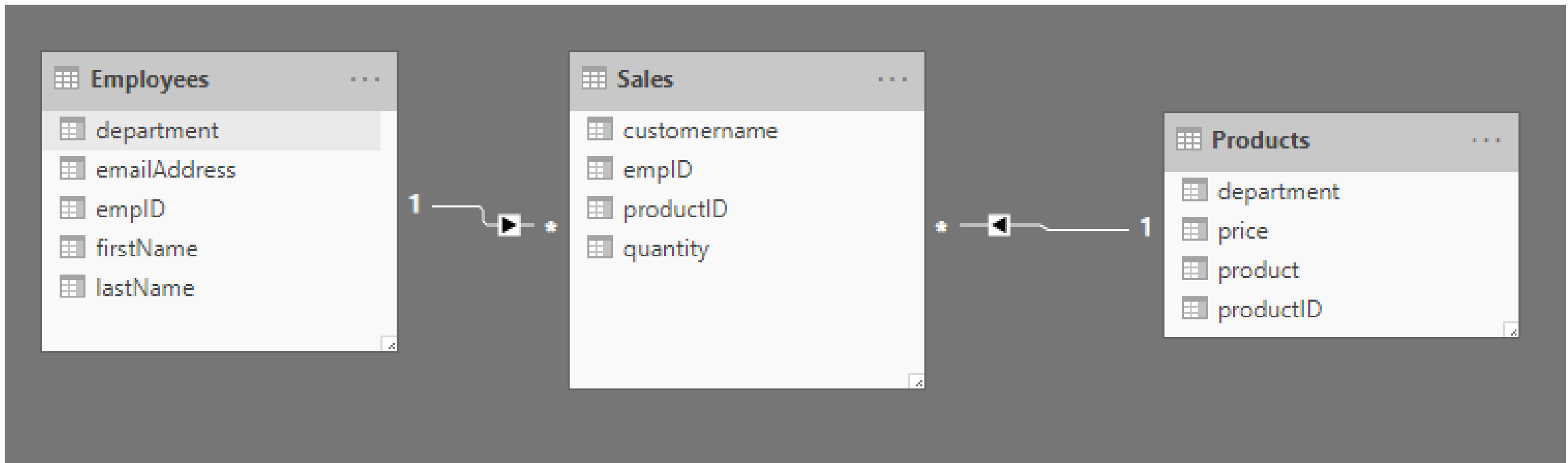
# Lesson 1: Security in Power BI





# Security overview in Power BI

Secure reports and workspace by sharing them to Active Directory users and groups.



# Static Method

Uses a fixed value in the DAX filter.

### Manage roles

Roles

- Automotive ...
- Clothing ...
- Game ...**
- Sports ...

CreateDelete

Tables

- Employees ...
- Sales ...**

Table filter DAX expression

✓✕

[department] = "Game"

Filter the data that this role can see by entering a DAX filter expression that returns a True/False value. For example: [Entity ID] = "Value"

SaveCancel

# Dynamic Method

Uses a dynamic value in the DAX filter.

## Manage roles

### Roles

EmployeeEmailAddress ...

CreateDelete

### Tables

Employees ...

Products ...

Sales ...

### Table filter DAX expression

```
[emailAddress] = userprincipalname()
```



# Review Questions

- Q01 – Which function will tell you the logged on username in the Power BI Service?
- A01 – USERPRINCIPALNAME()
- Q02 – Where can you test RLS by using different security roles?
- A02 – Both Power BI Desktop and Power BI Service.

# Module Overview

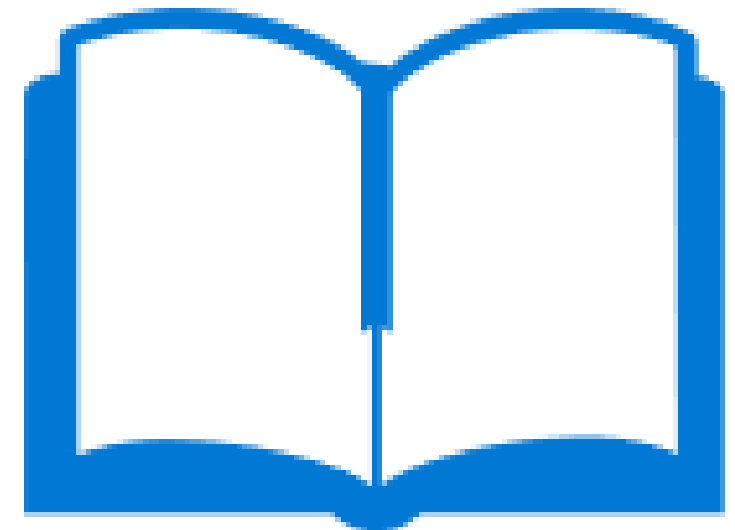
We covered the following concepts:

- Security
  - Row-level security
  - Static method
  - Dynamic method

# References

- DA-100 Implement row-level security

<https://docs.microsoft.com/en-us/learn/modules/row-level-security-power-bi/>



# Azure Technical Trainer Role Based Training