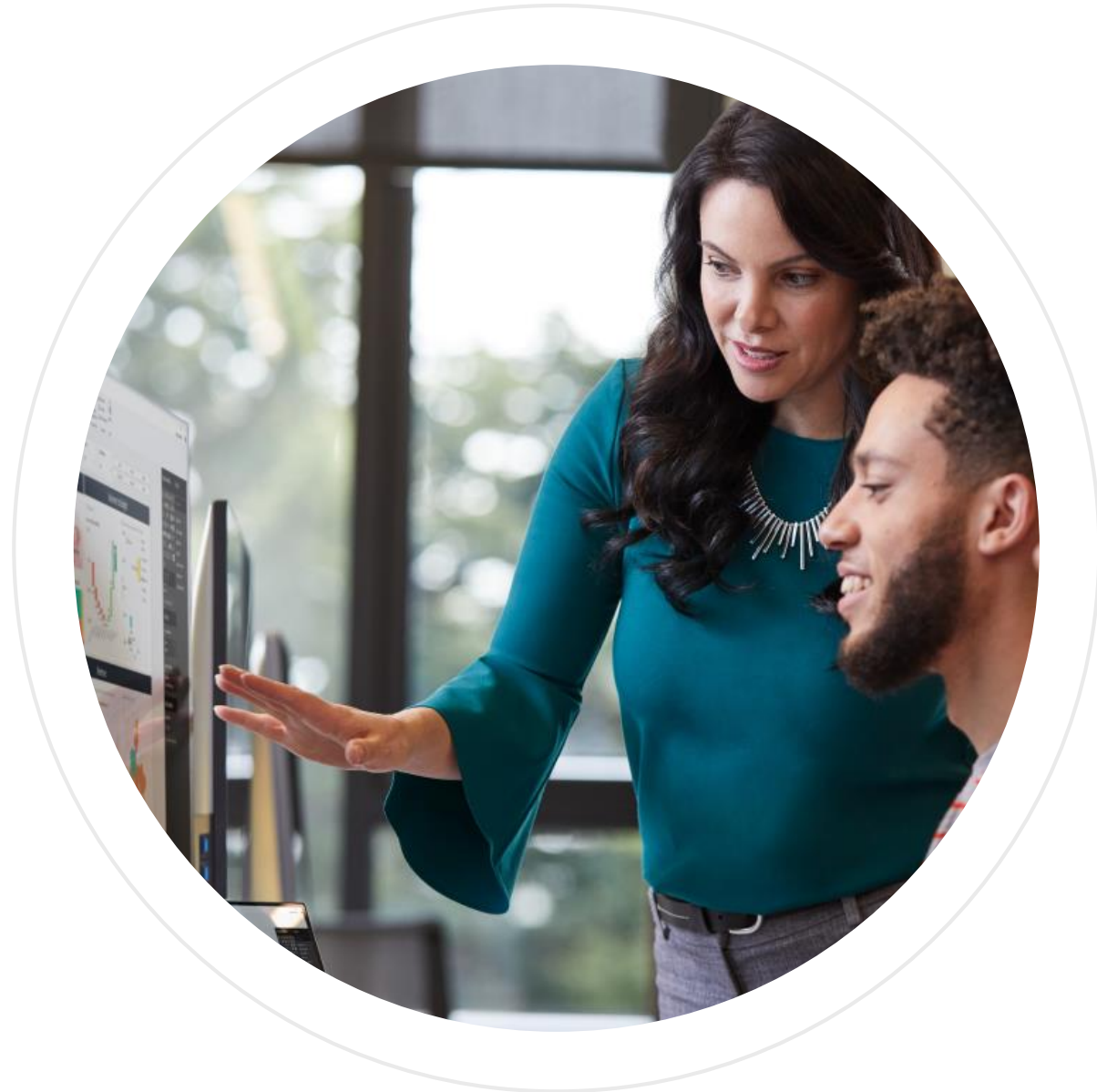


Module 12: Row-level Security

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Learning Objectives

You will learn the following concepts:

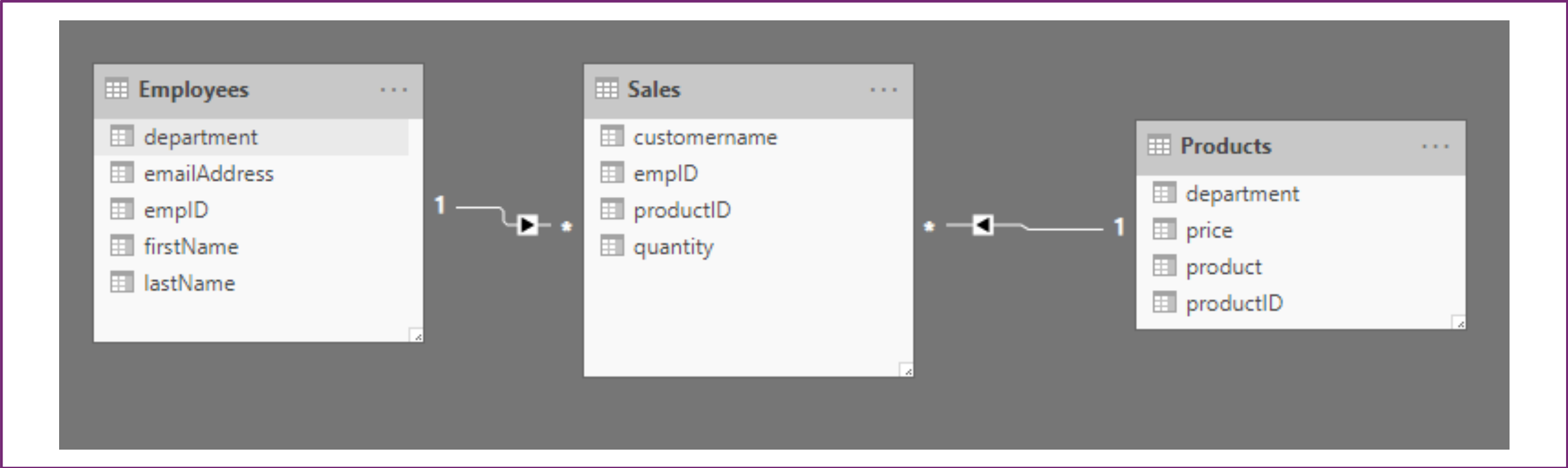
- Security
 - Row-level security
 - Static method
 - Dynamic method

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.

The screenshot shows the 'Manage roles' dialog box. On the left, under 'Roles', the 'Game' role is selected. Below the list are 'Create' and 'Delete' buttons. In the center, under 'Tables', the 'Sales' table is selected. On the right, the 'Table filter DAX expression' field contains the expression `[department] = "Game"`. Below this field is a descriptive text: '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"'. At the bottom right, there are 'Save' and 'Cancel' buttons.

Dynamic Method

Uses a dynamic value in the DAX filter.

The screenshot displays the 'Manage roles' interface with three main sections:

- Roles:** A list containing 'EmployeeEmailAddress' with a three-dot menu icon to its right. Below the list are 'Create' and 'Delete' buttons.
- Tables:** A list containing 'Employees', 'Products', and 'Sales'. The 'Employees' table is highlighted with a dashed border and includes a funnel icon and a three-dot menu icon.
- Table filter DAX expression:** A text area containing the DAX expression: `[emailAddress] = userprincipalname()`

Review Questions

1

Q – Which function will tell you the logged on username in the Power BI Service?

A – USERPRINCIPALNAME()

2

Q – Where can you test RLS by using different security roles?

A – Both Power BI Desktop and Power BI Service.

Module Overview

We covered the following concepts:

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

Lab: Enforce Row-Level Security

Lab: Enforce Row-Level Security



References

- PL-300 Implement row-level security

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

