Lab 8 – Implementing Row-Level Security

Demo Objectives

1. Implementing Static & Dynamic RLS
2. Testing roles and rules in Power BI Desktop
3. Assigning members to RLS in Power BI service

DEMO Steps

1. Implementing Static & Dynamic RLS • For the static RLS you will need to define two roles in the User table using the Region Field 1) Canada Region 2) Southwest region	

	Manage security roles ✕ Create new security roles and use filters to define row-level data restrictions. **Roles** **Select tables** **Filter data** [Switch to DAX editor] [+ New] ⊞ Region ··· ▦ Select all + Add 🗑 Delete ⊟ Group ⊟ Ungroup ⊞ Sales ··· Show data when... ▦ Canada Region ··· ⊞ Users ▽ ··· [All ▽] of these rules are true ▦ Southwest ··· ⠿ [Region ▽] [Equals ▽] [southwest] ▦ UsereRLS ···
For the dynamic RLS please use the DAX USERPRINCIPALNAME against the [UPN] field from the user table	**Manage security roles** ✕ Create new security roles and use filters to define row-level data restrictions. **Roles** **Select tables** **Filter data** [Switch to default editor] [+ New] ⊞ Region ··· `[UPN] = USERPRINCIPALNAME()` ⊞ Sales ··· ▦ Canada Region ··· ⊞ Users ▽ ··· ▦ Southwest ··· ▦ UsereRLS ··· ⓘ 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"

2. Testing roles and rules in Power BI Desktop • Ensure to show students how to test the roles using the view as option	
• For the Dynamic RLS, demonstrate to the students how you can implement dynamic RLS that will securely protect data. • You will need to change the filter flow between the User table and the Region table to both so that the user and regions are filtered securely.	
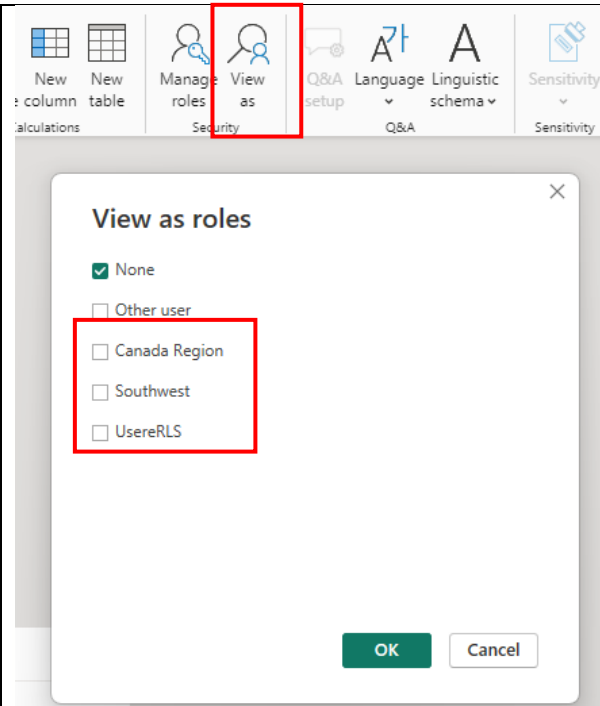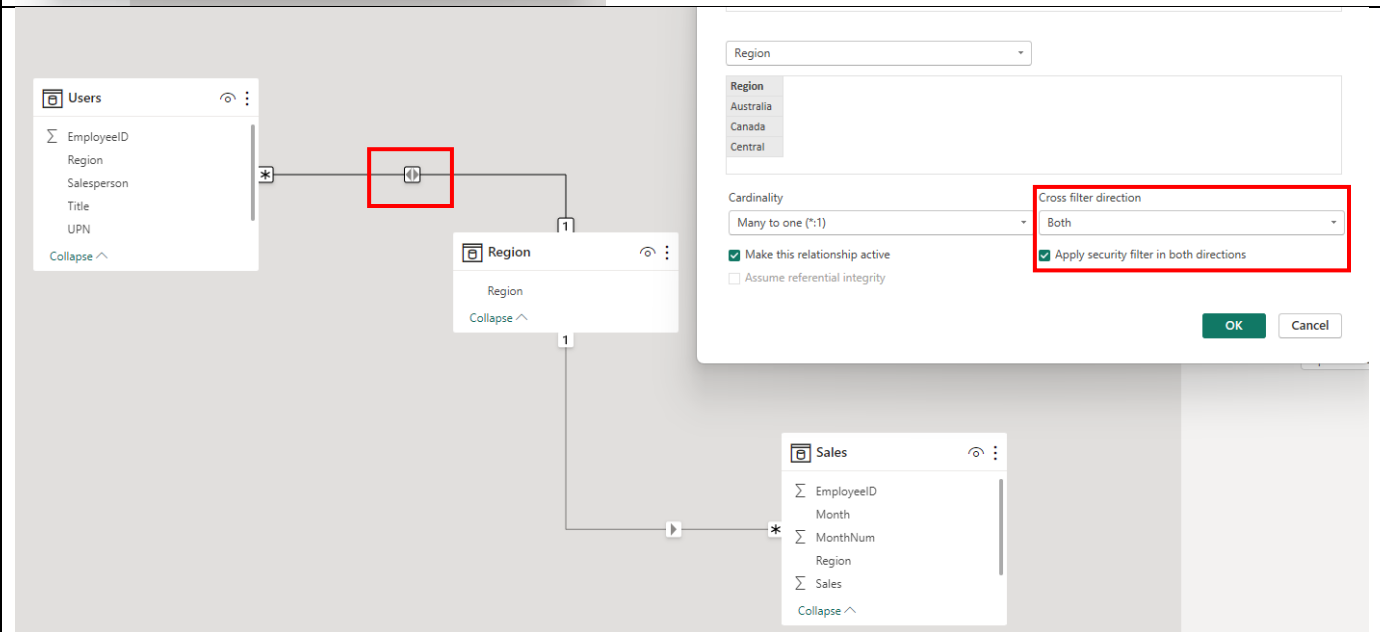
1. Assigning members to RLS in Power BI service	Row-Level Security Canada Region (0) Members (0) Southwest (0) People or groups who belong to this role UsereRLS (0) SL Shannon Lynch × Enter email addresses Add
	Please refer to the completed Lab 8 PBIX file for reference