

Creating a Row-Level Security in Power BI Reports

Clifford dela Cruz

[Course title]

4/9/24

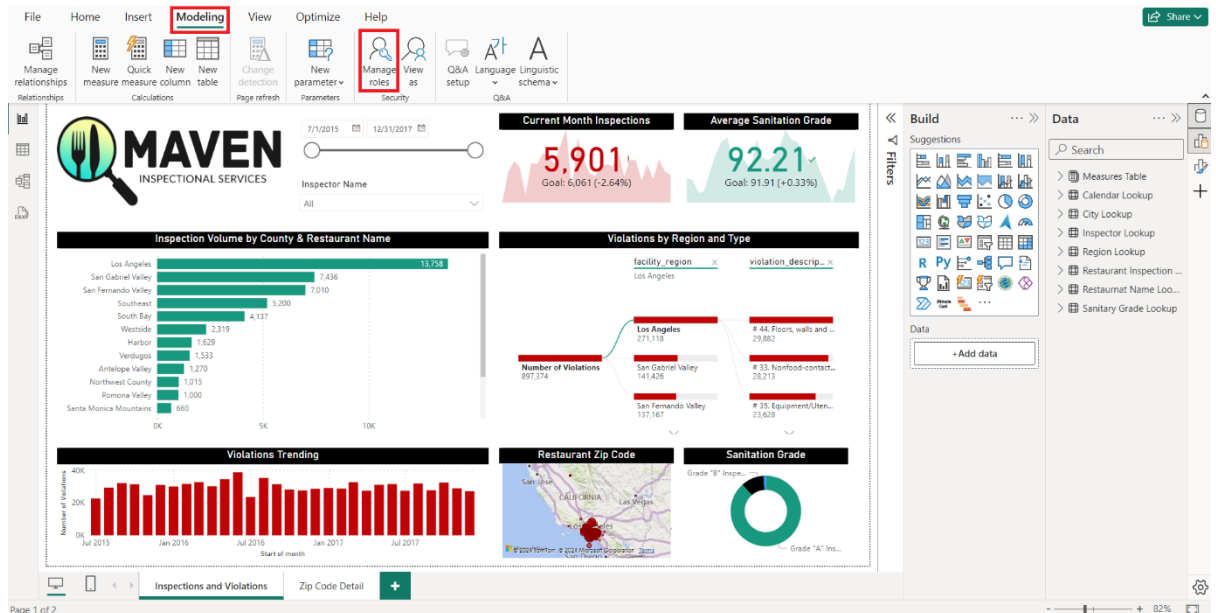
Contents

Topic: Add a Row-Level Security to the report	2
Test the role created	4
Publish the report to PowerBI Service and apply the role to user	5

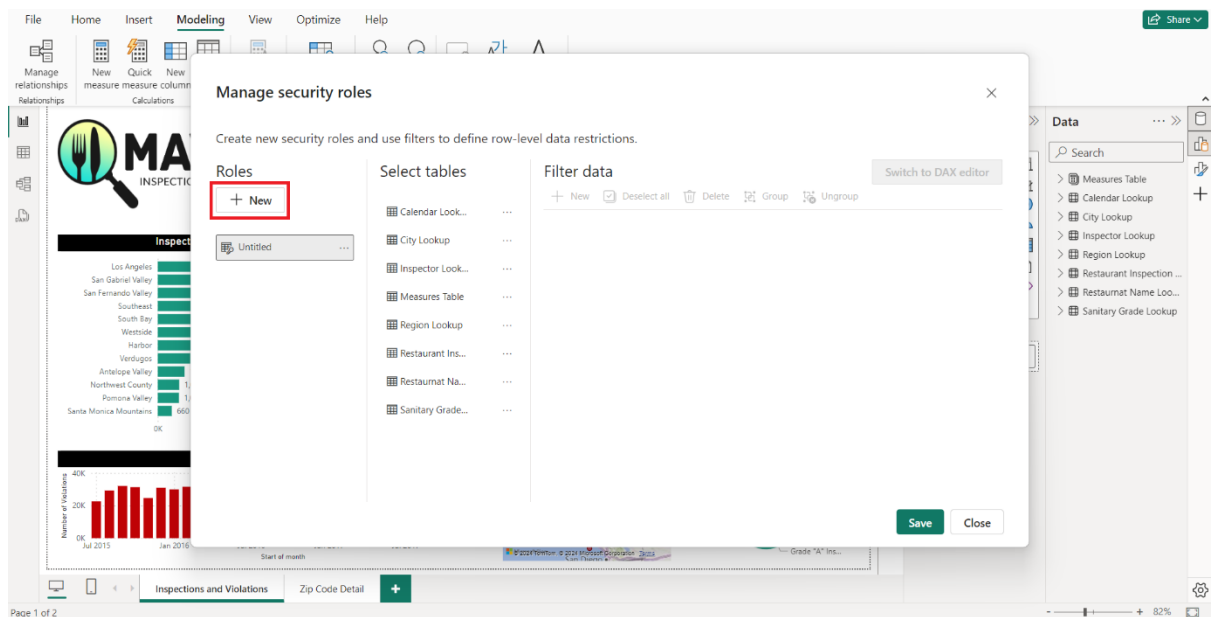
Topic: Add a Row-Level Security to the report

Steps:

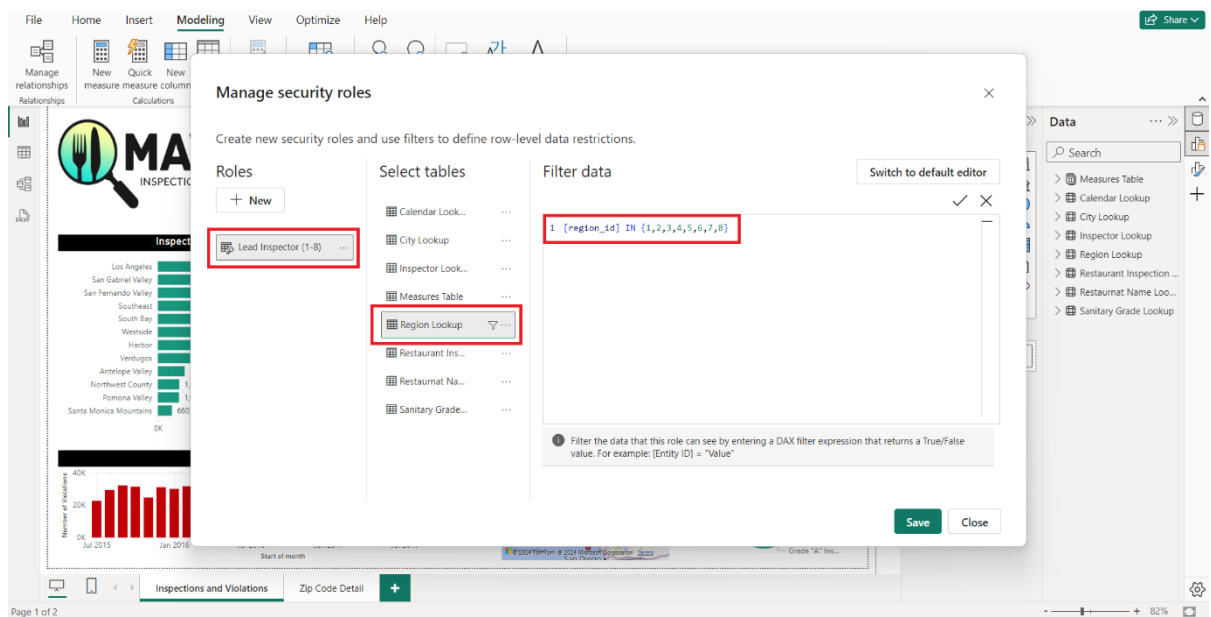
1. From PowerBI Desktop, Go to **Modeling** and then **Manage roles**.



2. Select **New** and set the role.



3. Input the necessary data to filter. I.e., role “**Lead Inspector (1-8)**” have access to regions 1 to 8.



4. This message will show once the filter has been applied.

Manage security roles

Create new security roles and use filters to define row-level data restrictions.

✓ Successfully applied role changes.

Roles

+ New

Lead Inspector (1-8)

Select tables

Calendar Look...

City Lookup

Inspector Look...

Filter data

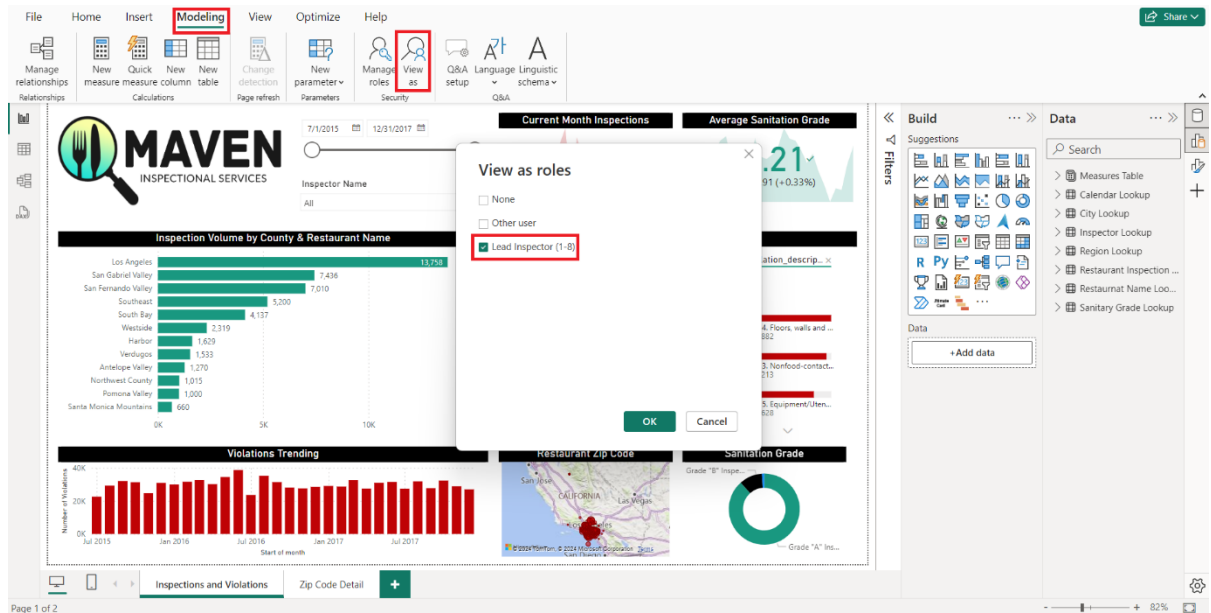
Switch to default editor

1 [region_id] IN (1,2,3,4,5,6,7,8)

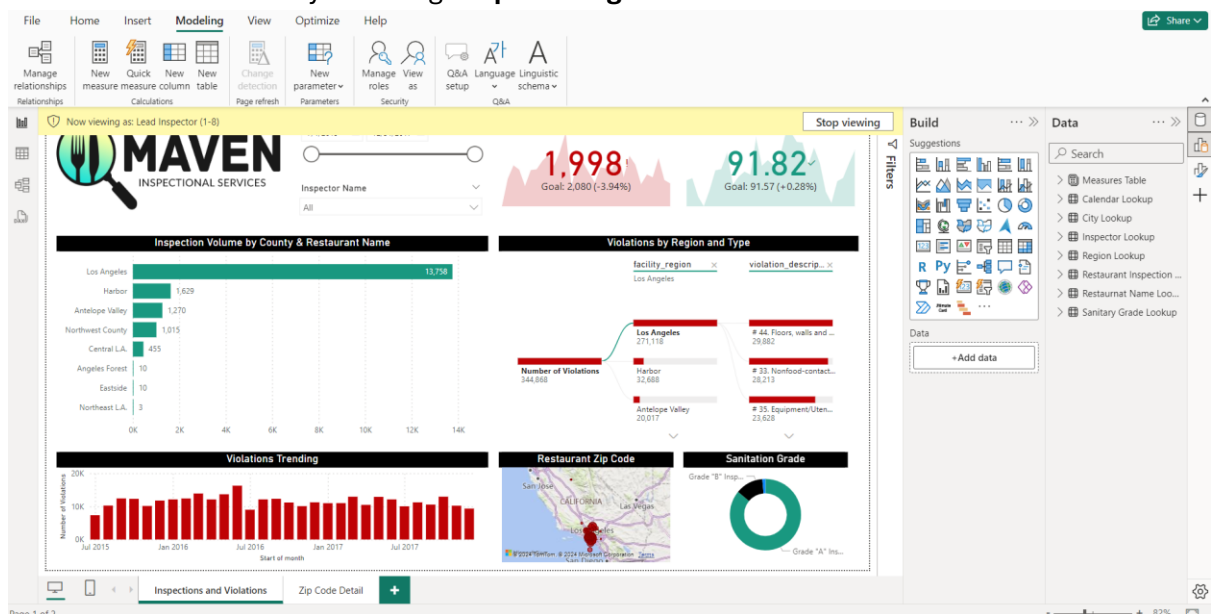
Test the role created

Steps:

1. Go to **Modeling** and select **View As**. A window will pop up to allow user to select which role to view as



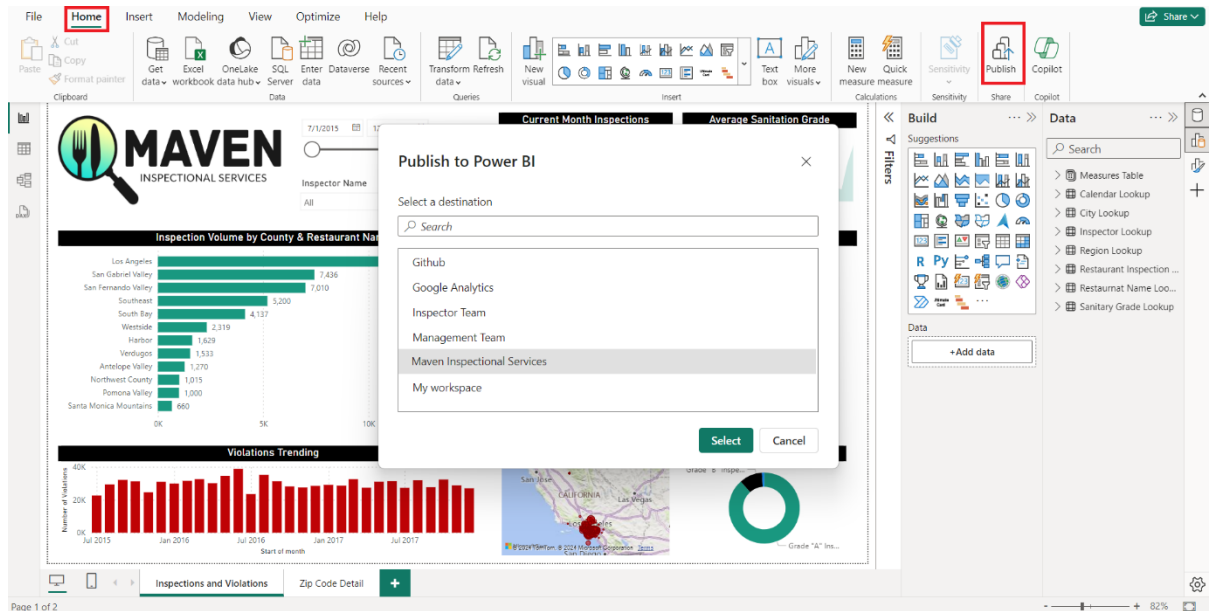
2. The report will show what type of data can only be displayed with having Region 1-8. User can exit this view by selecting **Stop Viewing**



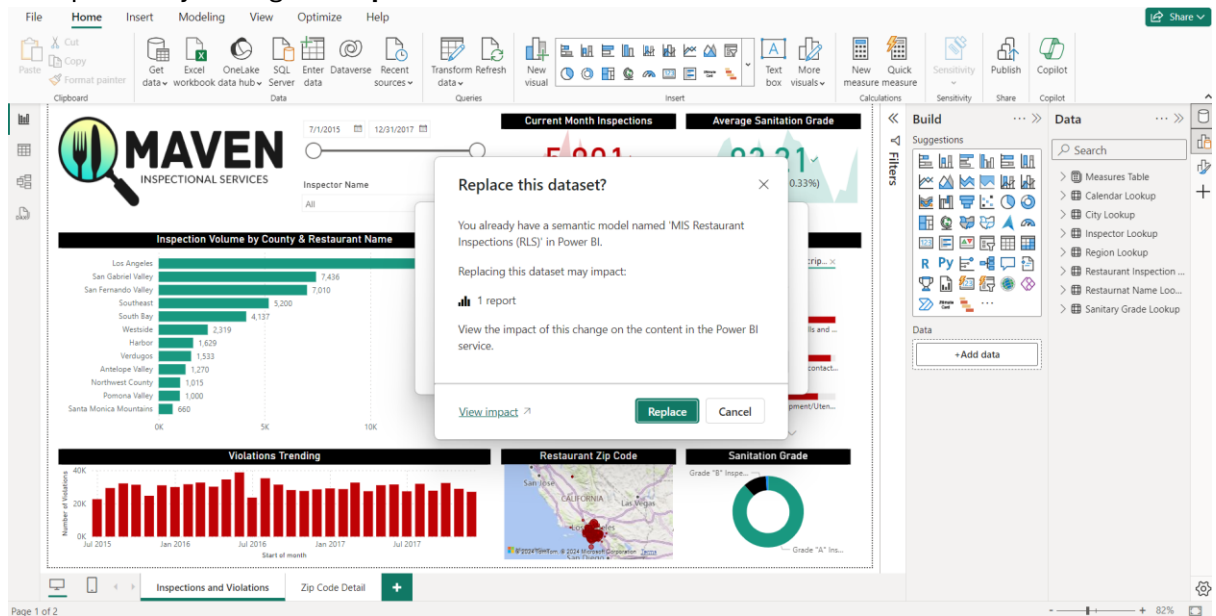
Publish the report to PowerBI Service and apply the role to user

Steps

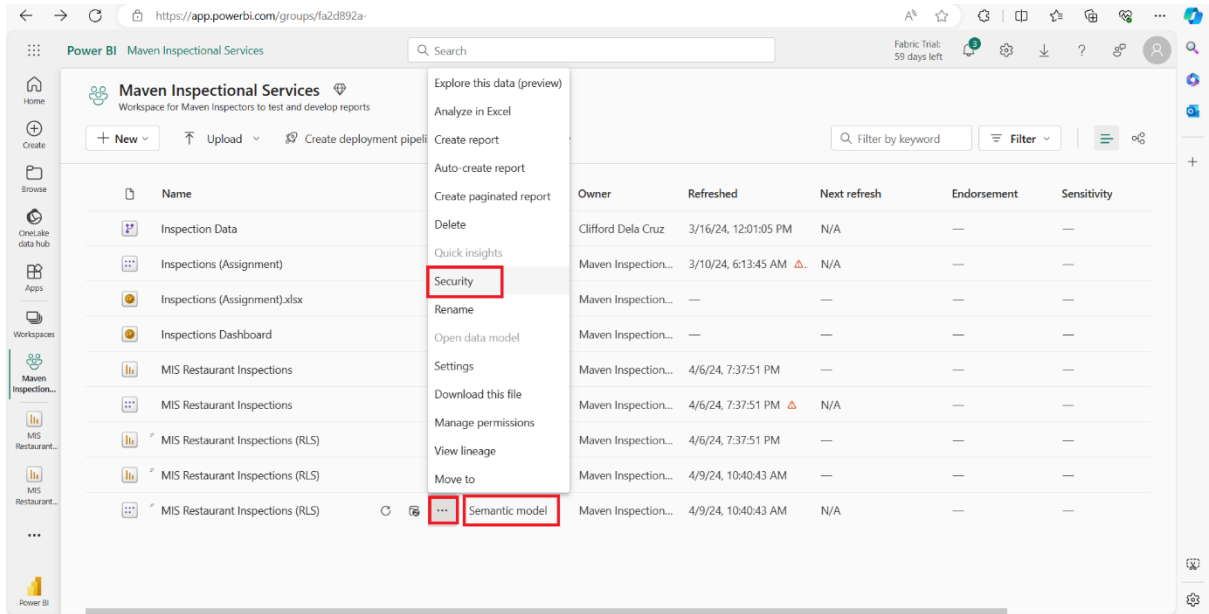
1. Select **Home** and **Publish**



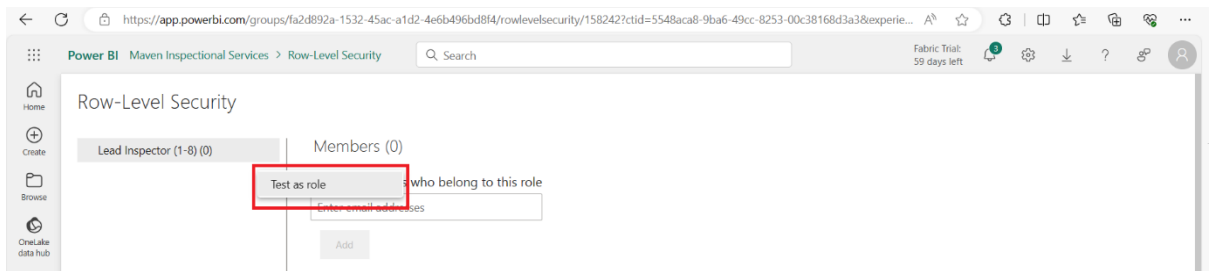
2. If user encountered a prompt because there is already an existing semantic model, it can be replaced by ticking the **Replace** button.



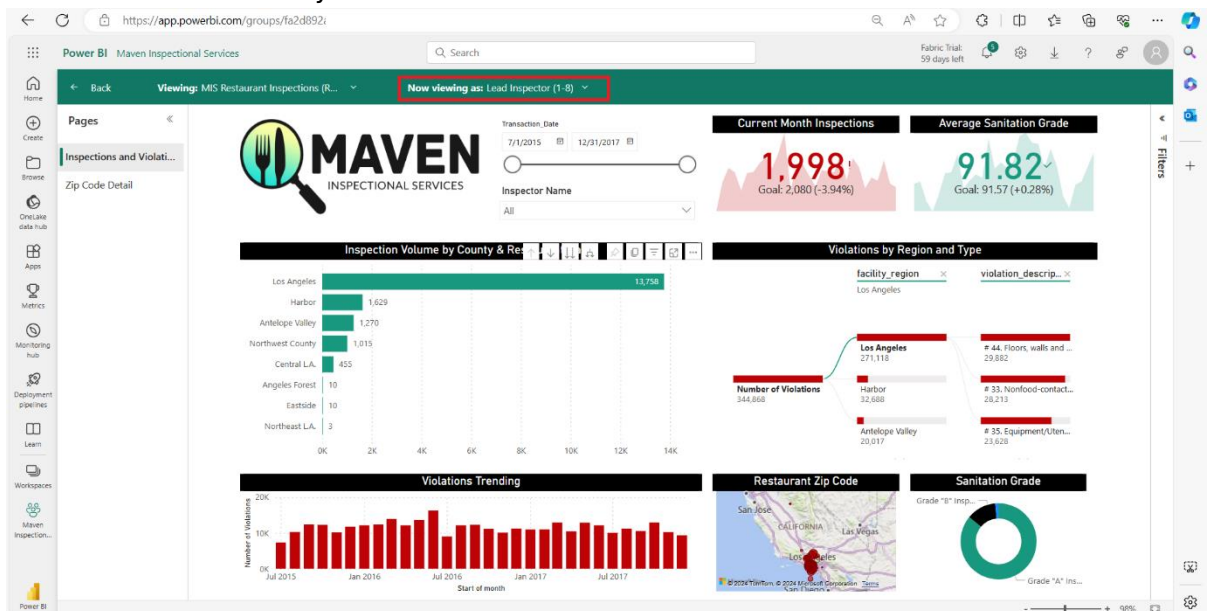
3. Go to PowerBI Service, select the Semantic Model and click **Security**.



4. User can test the role.



Notice how the chart only limited data based on the selected role



5. Add the role to user that requires it.

