**ROW LEVEL SECURITY**

Row Level Security (**RLS**) is a technique to implement secured access to Power BI Report Data.

Example: India Customers should be able to access only India Data

Example: German Customers should be able to access only Germany Data

Steps to implement RLS:

Step 1: In Power BI Desktop, **define Security Roles** using DAX Expression

Step 2: In Power BI Desktop, **test** the above DAX Roles using **Modeling** Options

Step 3: **Publish** the Report to Power BI Cloud

Step 4: App Workspace : Dataset : Security : Add Power BI **Members** to above Security Roles.

**Example:**

Launch Power BI Desktop or Power BI Desktop RS Tool > Get Data > Browse / Define Data Source Connection (Ex: Financial Sales Excel File) > Load.

Right Click the loaded table > Edit Query > Perform required operations:

1. Replace Country Column: Frn to France

2. Replace Country Column: United States of America to USA

Close & Apply

Include Table Visual and a Treemap Visual [or any other visuals]

**To Define the Roles:**

Modeling > Manage Roles > Create > Name, Select Table > Select Column (Country) > Define DAX Expression:

[Country] = "Germany"

Create > Name, Select Table > Select Column (Country) > Define DAX Expression:

[Country] = "France"

Select one of the above Roles > Click @ ... > Duplicate > Modify the Expression:

[Country] = "USA"

**To Test above Roles:**

Modeling > View as Role > Select Role > OK > Verify that the data is filtered in the Visuals.

**To Implement RLS:**

**Publish** the report to Cloud

Go to Workspace > Dataset pertaining to report > Security > **Add Members** to each DAX Role.