

DAX

Additional Concepts

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Row Level Security

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Control Who Sees What

- RLS restricts data access at the row level for specific users
- Different users see different subsets of data in the same report
- Defined in Power BI Desktop, enforced in Power BI Service
- Based on user roles and DAX filter expressions

Calculation Groups

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Grouping Together Measures

- Apply reusable calculations to multiple measures
- Contains calculation items (YTD, MTD, PY, YOY, etc.)
- Each item modifies how base measures are calculated
- Reduces measure count and ensures consistent logic

Data Tables

Data Tables

Making Manual Tables Like Pro

- Creates a table directly in DAX without needing a data source
- Useful for creating small lookup tables or test data
- Syntax: DATATABLE(Column1, DataType1, Column2, DataType2, ..., {{values}})
- Common for static reference tables like status codes or categories

```
Status Table =  
DATATABLE(  
    "StatusID", INTEGER,  
    "StatusName", STRING,  
    {  
        {1, "Active"},  
        {2, "Inactive"},  
        {3, "Pending"}  
    }  
)
```

Sharing Reports

Sharing Reports

Here Is Your Report

- **Direct Share:** Share with specific users via email
- **Workspace Access:** Add users as Viewer, Contributor, Member, or Admin
- **Apps:** Package reports for end-user distribution
- **Publish to Web:** Creates public link with **NO** security
- **Embed:** Integrate in websites/apps (requires Premium/Embedded capacity)

Q&A