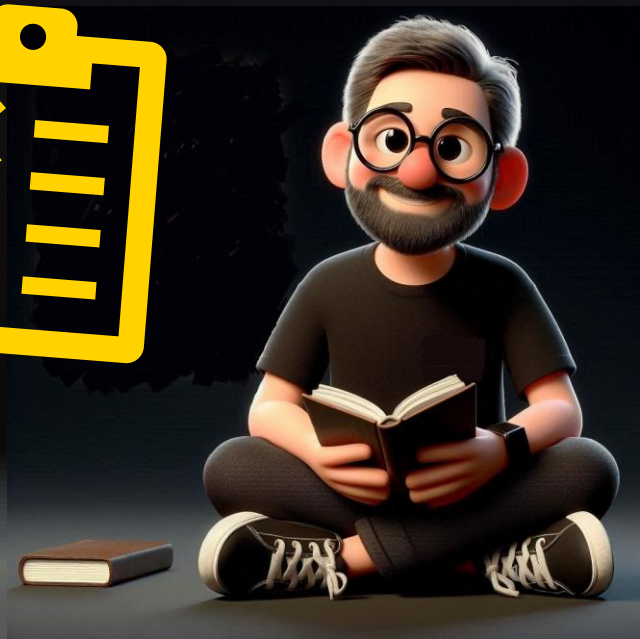
Start with PowerBI

"From Rookie to Rock"

Learn & Practice

Develop faster with TDML

Part 1: Improve Reusability



Patou Tips #49

What is TDML?
An integrated code editor

TDML = Tabular Model Definition Language

The script TDML allows you to:

- ✓ Manage your data model more easily
- ✓ Share your code
- ✓ Modify, optimize, and improve your code with its integrated editor
- ✓ Manage your project versions

In these Patou Tips, we will examine the first 3 points.

Resources on GitHub
Patou-Tips/#49 Patou Tips (Develop faster with TDML - Improve reusability) at main · PatouTips/Patou-Tips

Develop faster with TDML

Part 1

Improve Reusability

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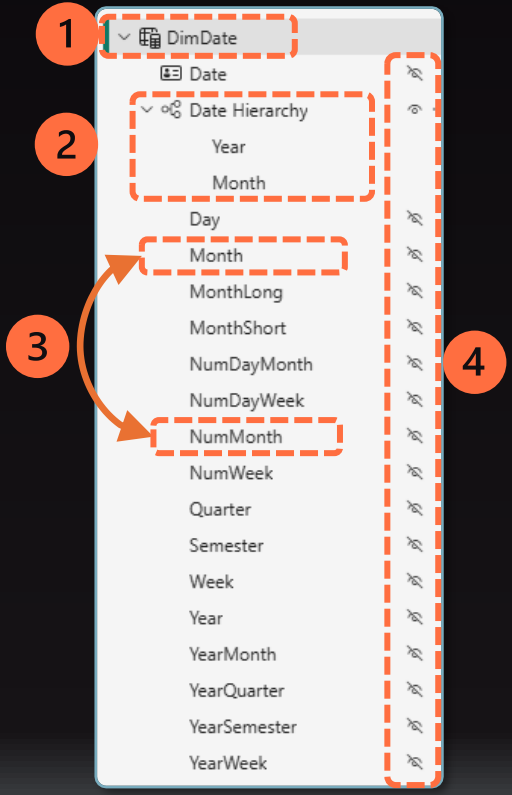
Patou Tips #49

Improve Reusability

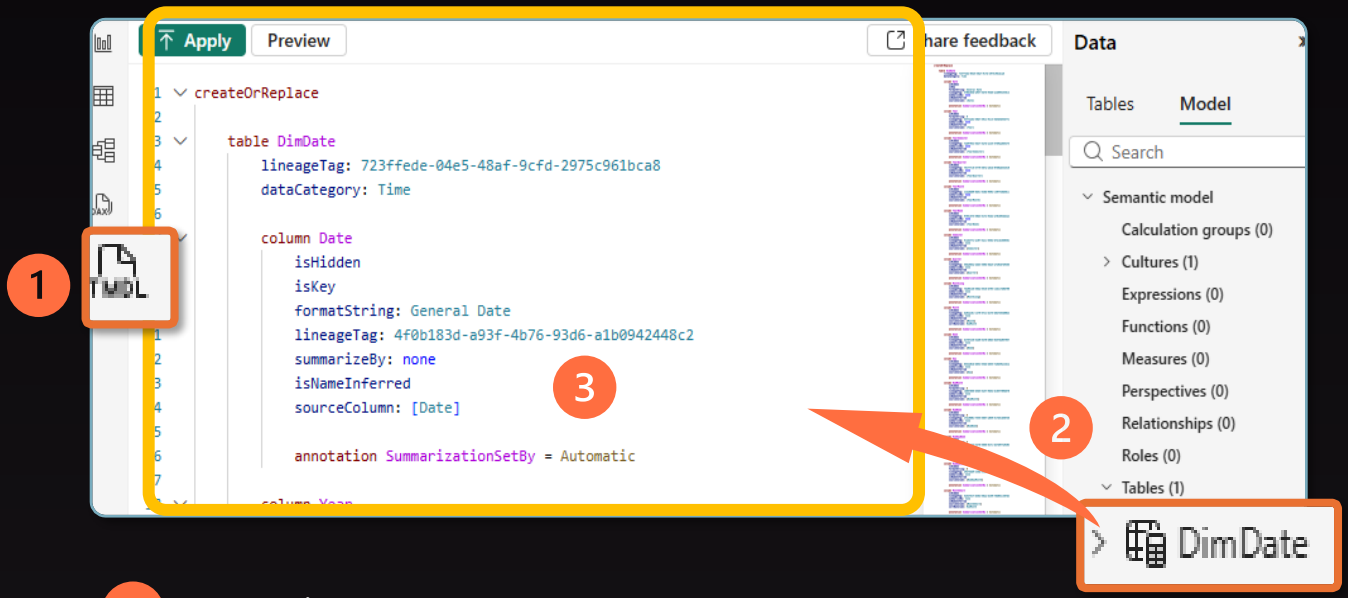
Use case: Dimension table for dates (Date_Dim)

In every Power BI* project, it's useful to have a dimension table (Dim_Date). The goal here is to copy this table, incorporating all the measures and operations that follow in an another PowerBI project:

1. Marking the table as a date table
2. Creating a date hierarchy
3. Sorting the months by their number (1 to 12), the days of the week by their day number (1 to 7)...
4. Hiding all elements of the date dimension except for the date hierarchy

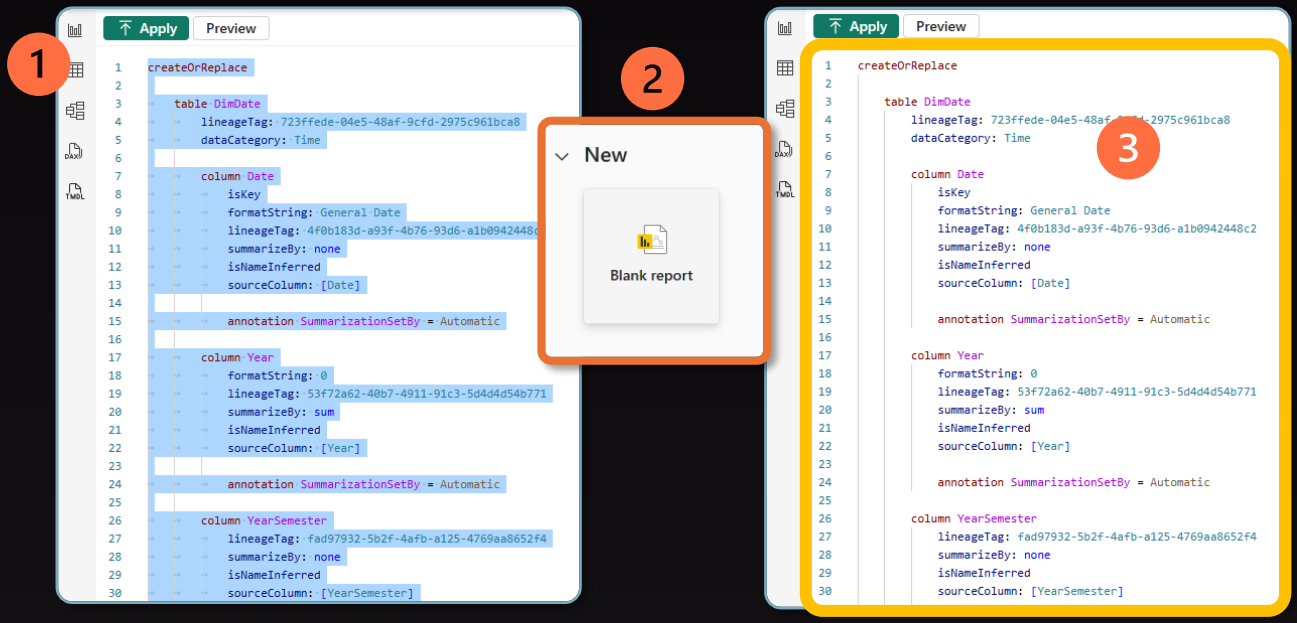


Improve Reusability
Step 1: Generate the code



1. Go in the **TDML View**
2. Drag and drop the "DimDate" in the "**TDML View window**"
3. A code appears in the **TDML View window** and includes all the characteristics of the dimension; its measures, the preparation operations described previously (see previous page).

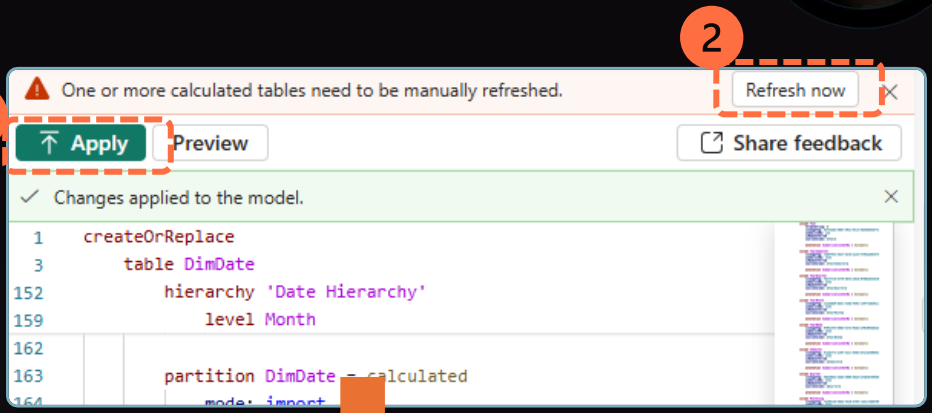
Improve Reusability
Step 2: Reproduce the code



1. Select all the code (ctrl + A) and copy it (ctrl + C)
2. Create a new PowerBI project
3. Paste the code (ctrl + V) in the TDML View window

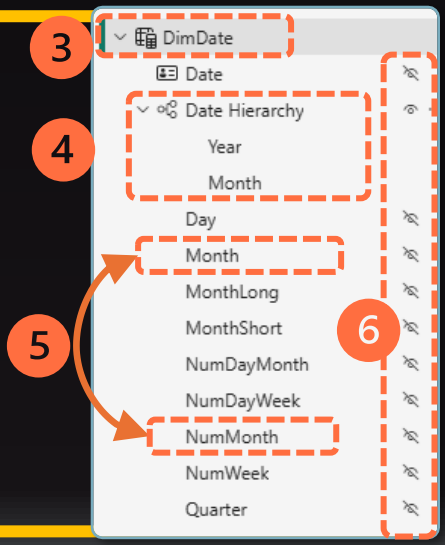
Improve Reusability
Step 3: That's all folks!

Click on the Apply button (1), then to the Refresh button (2).



All the measures and properties are here;

- the mark of the table as a date table (3),
- date hierarchy (4),
- sort months by their number (1 to 12), days of the week by their day number (1 to 7) (5)
- and all elements of the date dimension are hided except for the date hierarchy (6)



Coming soon, in 2026!

Patrice Fayard

Business Intelligence WORKBOOK

Start PowerBI

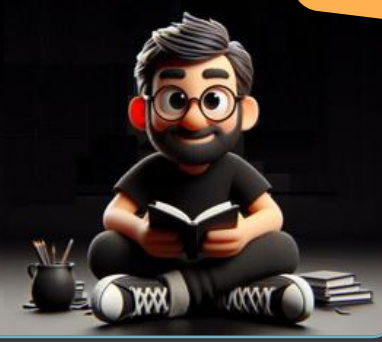
"From Rookie to Rock"

To **develop your knowledge**, find more explanations and exercises

Over **500 pages** to learn and practice: **video tutorials and resources**

Learn & Practice

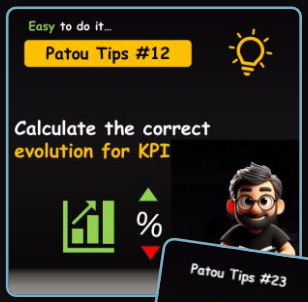
- ✓ 1000 Video tutorials
- ✓ 500 Step by step
- ✓ 5 Cheat Sheet
- ✓ 100 Power Patou Tips
- ✓ Hacking & Workshops



Learn and practice

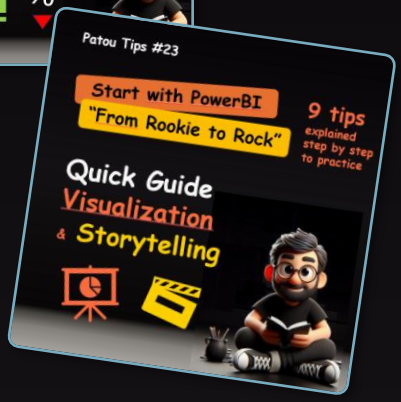
Find past issues of "Patou Tips" and download resources to practice on GitHub

Patou Tips #5
Create a Customized Chart (for income statement)



Patou Tips #12
Calculate right evolution for KPI

Patou Tips #6
Create Customized Icon



Patou Tips #23
Quick Guide Visualization & Storytelling

Patou Tips #7
Create an Age Pyramid Chart (for Human Ressources)

Resources on GitHub
https://github.com/PatouTips/Patou-Tips

Don’t forget!
This isn't the truth, it's just my truth!

Patou Tips

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