

# Desarrollo avanzado en Power BI PBIR y GitHub Copilot

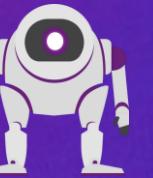
Mar Lizana  
Monica Mesa

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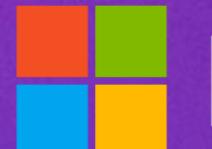
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¡Hola!



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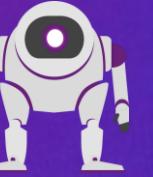
**iSomos W4TT!**



W4TT



¡Nos faltas tú!



Vista  
de TMDL

PBIR

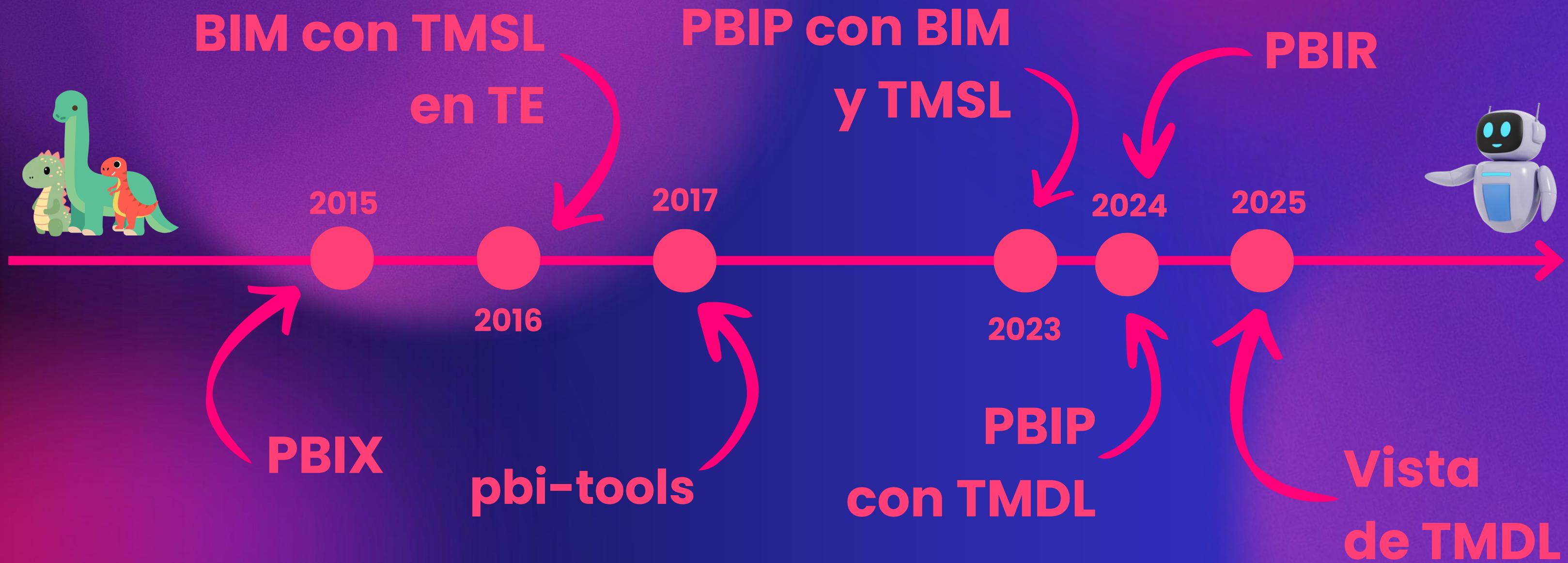
PBIP con  
BIM  
y TMSL

BIM con TMSL  
en TE

PBIX

PBIP  
con TMDL

pbi-tools



Malditos

2015

PBIX

# Guardar como .PBIX

SuperHeroesPBIX • Last saved: Today at 1:24 PM

Search mar.lizana@akanemar.onmicrosoft.com

File Home Insert Modeling View Optimize Help External tools

Clipboard Data Queries Insert Calculations Sensitivity Share

Excel workbook Enter data OneLake catalog Dataverse Transform Refresh New Text box More visual New measure calculation New measure Quick Sensitivity Publish C

Get data SQL Server Recent sources

Transform Refresh New Text box More visual New measure calculation New measure Quick Sensitivity Publish C

Clipboard Data Queries Insert Calculations Sensitivity Share

Hero Name Rocket Raccoon good Alignment Male Gender

Hero Name Thanos bad Alignment Male Gender

Strength Speed

Combat Durability Power

Intelligence

may appears with... VS may appears with...

Portada Fight L1 Result fight L1 Fight L2 Result fight L2 Fight L3 Result fight L3 Fight L4 Result fight L4

Page 2 of 9 No-Confidentiality

13:32 05/04/2025

The screenshot shows the Microsoft Power BI desktop application. The title bar says "Guardar como .PBIX". The ribbon menu is open with "Home" selected. The left sidebar has sections for Clipboard, Data, Queries, Insert, Calculations, and Sensitivity. The main workspace displays a card titled "¿Qué pasaría si... Rocket Raccoon se enfrentara a Thanos?". The card contains two tables comparing heroes based on alignment, gender, and various combat stats. Below the tables is a "VS" button. The bottom navigation bar shows tabs like Portada, Fight L1, Result fight L1, etc. The status bar at the bottom right shows the date and time.

Malditos

BIM con  
TMSL  
en TE

2015

2016

PBIX

## Guardar como Model.bim desde Tabular Editor

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File Home Insert Modeling View Optimize Help External tools

Clipboard Data Queries Insert Calculations Sensitivity Share

Excel workbook Enter data OneLake catalog Dataverse SQL Server Recent sources Transform Refresh data New visual Text box More visuals New visual calculation New measure measure Sensitivity Share

Héroes reunidos

Que empiece la lucha...

¿Qué pasaría si... Rocket Raccoon se enfrentara a Thanos?

¿Qué pasaría si... Snowbird se enfrentara a Kippling?

¿Qué pasaría si... Thor se enfrentara a Magneto?

¿Qué pasaría si... Thor Girl se enfrentara a Ultron?

Portada Fight L1 Result fight L1 Fight L2 Result fight L2 Fight L3 Result fight L3 Fight L4 Result fight L4

Page 1 of 9 No-Confidentiality 13:52 05/04/2025

Filters

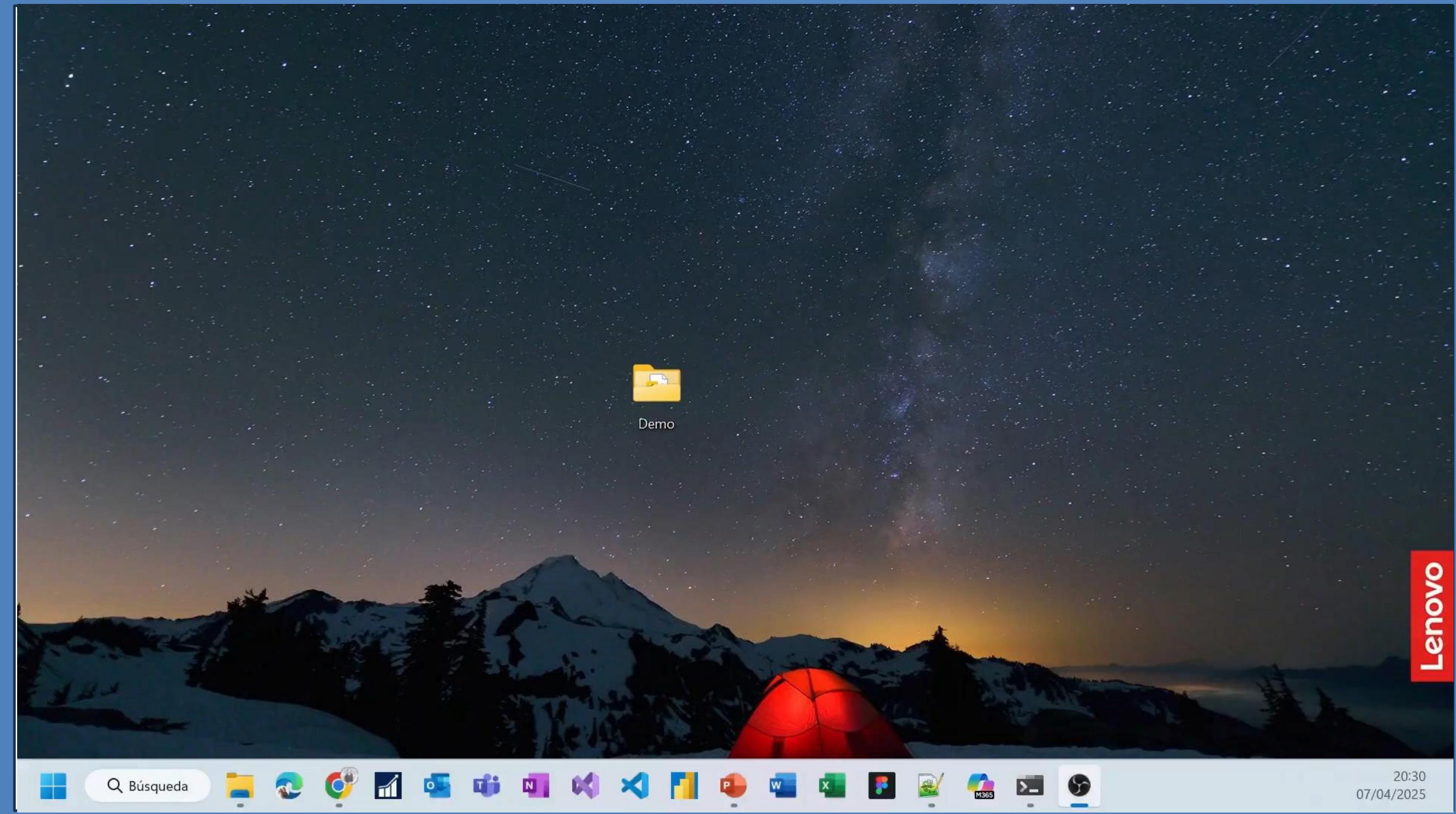
# pbi-tools para descomprimir tus desarrollos de Power BI



Malditos ad



PBIX  
pbi-tools



Malditos acre

PBIP con BIM  
y TMSL

BIM con  
TMSL  
en TE

2015 → 2017

pbi-tools

PBIX

Guardar como pbip con model.bim

SuperHeroesPBIX • Last saved: Today at 4:43 PM

Search

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File Home Insert Modeling View Optimize Help External tools

Paste Get data Enter data OneLake catalog Data Transform Refresh data New visual Text box More visuals New visual calculation New measure Quick Sensitivity Publish

Clipboard SQL Server Recent sources Queries

Clipboard Data Queries Insert Calculations Sensitivity Share

**Héroes reunidos**

Que empiece la lucha...

¿Qué pasaría si... Rocket Raccoon se enfrentara a Thanos?

¿Qué pasaría si... Snowbird se enfrentara a Korg?

¿Qué pasaría si... Thor se enfrentara a Magneto?

¿Qué pasaría si... Thor Girl se enfrentara a Ultron?

Build

Suggestions

Filters

Character CharacterRelations CharactersStats CharactersToComics CharactersTotal Comics Heroes Relations

Data

+Add data

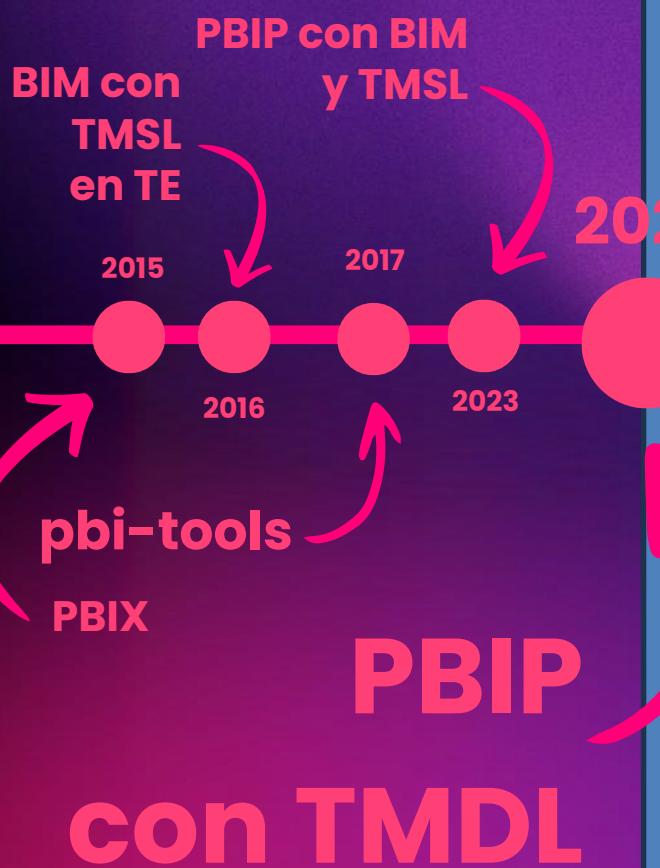
Portada Fight L1 Result fight L1 Fight L2 Result fight L2 Fight L3 Result fight L3

Page 1 of 9 No-Confidentiality

16:44 05/04/2025

The screenshot shows a Microsoft Power BI desktop interface. The main area displays a dashboard titled "Héroes reunidos" featuring a collage of superhero characters from the Marvel universe. Overlaid on the dashboard are several text boxes containing playful questions such as "Que empiece la lucha...", "¿Qué pasaría si... Rocket Raccoon se enfrentara a Thanos?", "¿Qué pasaría si... Snowbird se enfrentara a Korg?", "¿Qué pasaría si... Thor se enfrentara a Magneto?", and "¿Qué pasaría si... Thor Girl se enfrentara a Ultron?". The ribbon at the top has "Home" selected. The "Data" pane on the right lists various data sources under "Suggestions", including "Characters", "CharacterRelations", "CharactersStats", "CharactersToComics", "CharactersTotal", "Comics", and "Heroes Relations". The bottom status bar shows the date and time as "05/04/2025 16:44".

# Malditos acró



## Guardar como pbip con .tmdl

SuperHeroesPBIX • Last saved: Today at 4:45 PM (Power BI Project)

File Home Insert Modeling View Optimize Help External tools

Paste Get data OneLake catalog Enter data Data Recent sources SQL Server

Clipboard Transform Refresh data New visual Insert Text box More visuals Calculations New visual calculation New measure Quick Sensitivity Publish

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**Héroes reunidos**

Que empiece la lucha...

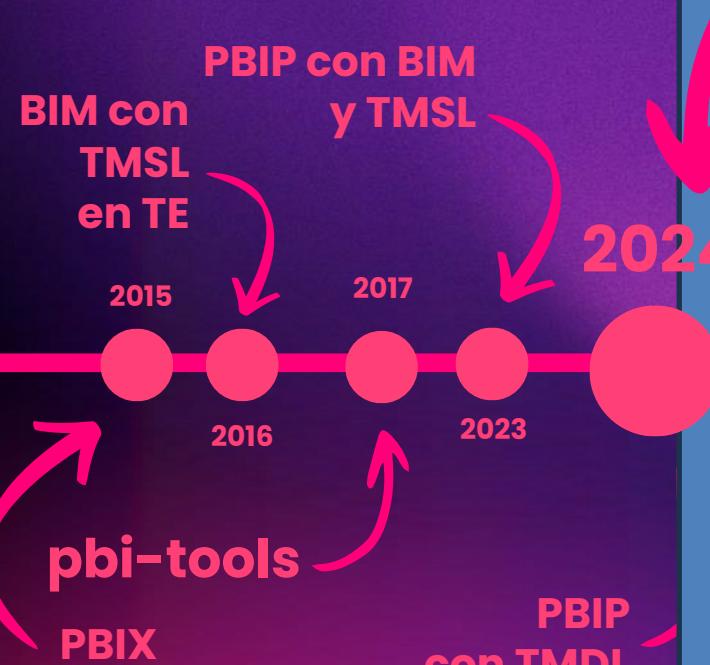
¿Qué pasaría si... Rocket Raccoon se enfrentara a Thanos?  
¿Qué pasaría si... Snowbird se enfrentara a Kinping?  
¿Qué pasaría si... Thor se enfrentara a Magneto?  
¿Qué pasaría si... Thor Girl se enfrentara a Ultron?

Portada Fight L1 Result fight L1 Fight L2 Result fight L2 Fight L3 Result fight L3 Fight L4 Result fight L4

Page 1 of 9 17:06 05/04/2025

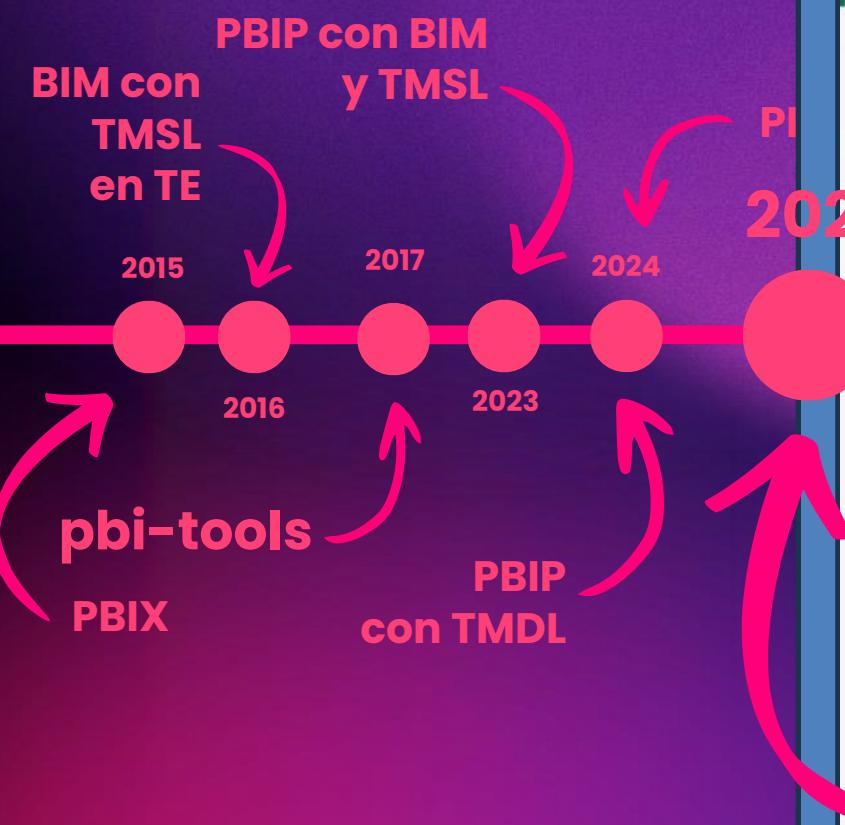
# Malditos acró

# Guardar como pbip con PBIF



# Malditos acrónim

## Activar la vista de TMDL en Power BI Desktop

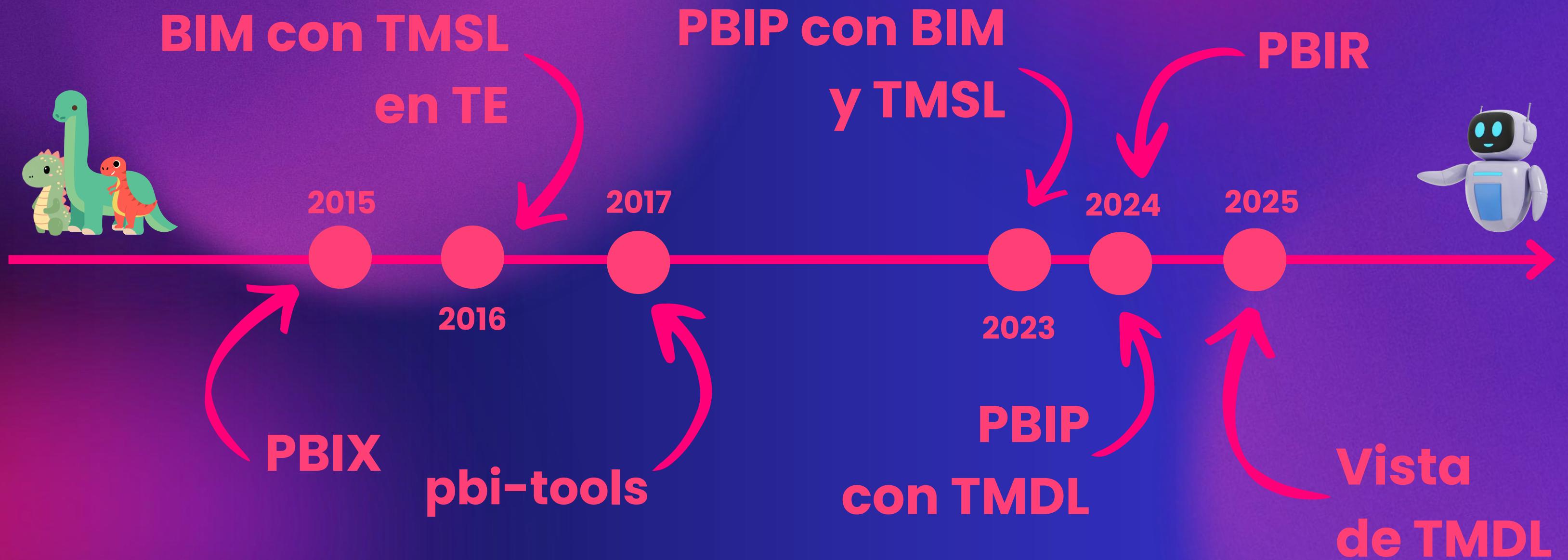


The screenshot shows the Power BI Desktop interface with the following details:

- Title Bar:** SuperHeroesPBIX • Last saved: Today at 5:31 PM (Power BI Project)
- Search Bar:** Search
- Home Tab:** Selected
- Data Tab:** Contains options like Paste, Get data, OneLake catalog, Data, Recent sources.
- Queries Tab:** Contains Transform, Refresh, and Data.
- Insert Tab:** Contains New visual, Text box, More visual, and various chart icons.
- Calculated Tab:** Contains New visual calculation, New measure, Quick measure, Sensitivity, and Publish.
- Share Tab:** Contains Share, Publish, and C.
- Report Preview:** A comic book-style illustration of various superheroes. The main title is "Héroes reunidos". A speech bubble says "Que empiece la lucha...". Below it are four smaller text boxes asking what would happen if different heroes fought each other.
- Bottom Navigation:** Includes Portada, Fight L1, Result fight L1, Fight L2, Result fight L2, Fight L3, Result fight L3, Fight L4, Result fight L4, and a green plus button.
- Page Information:** Page 1 of 9, 17:56, 05/04/2021.

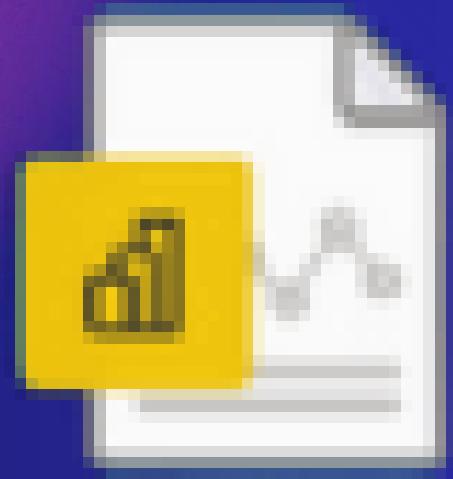
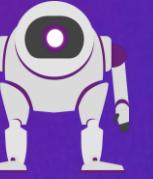
Handwritten annotations in pink text are overlaid on the bottom left of the screenshot:

Vista de TMDL



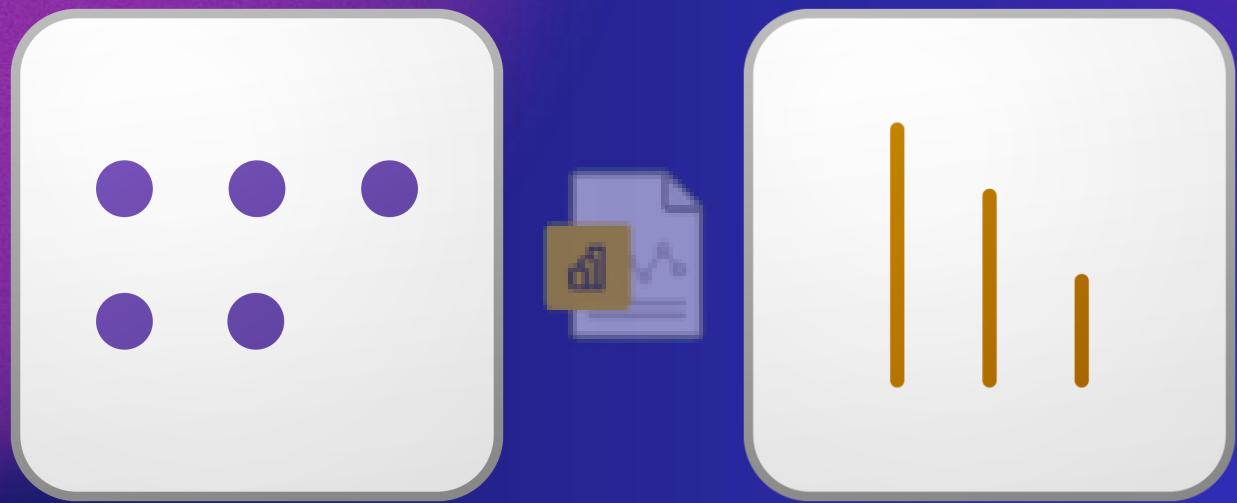
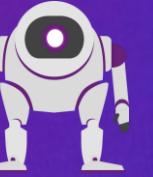
## En resumen

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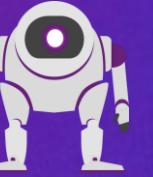
## En resumen

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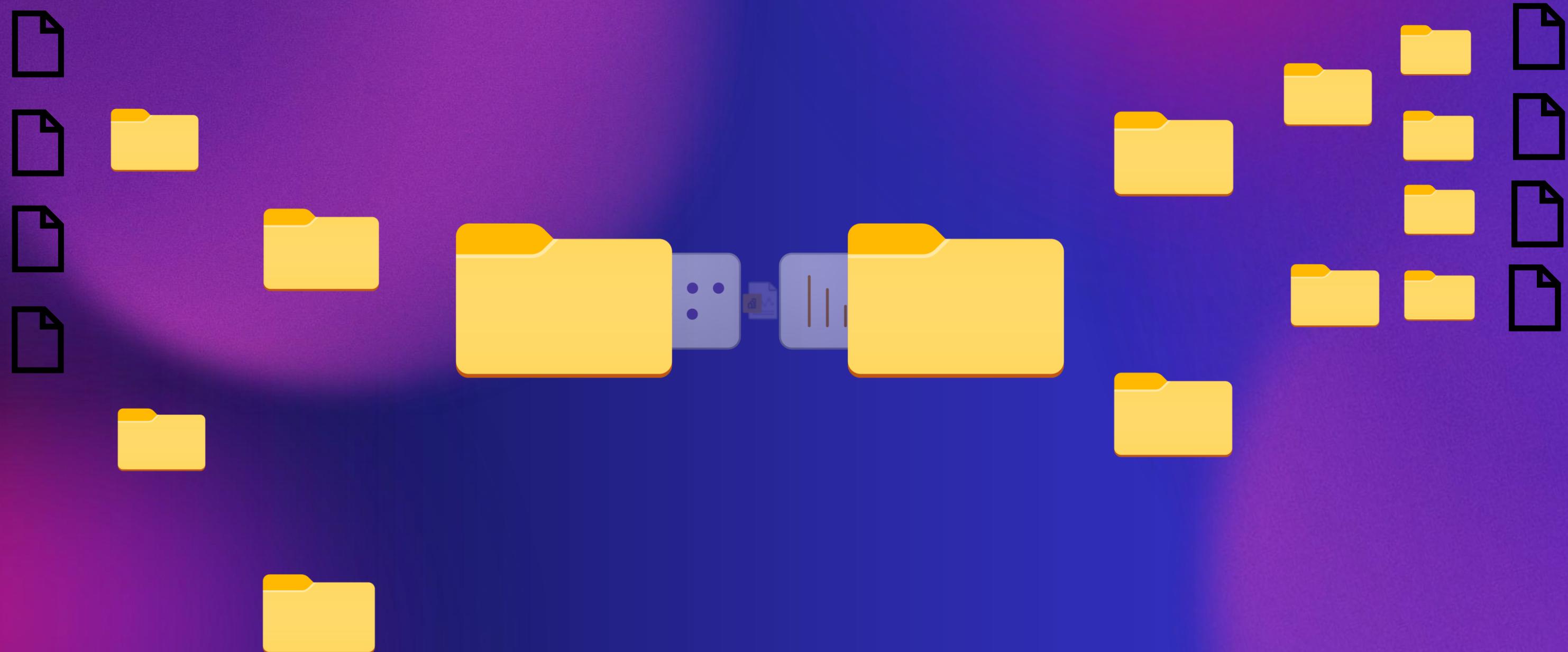
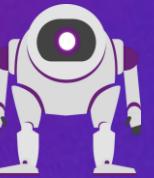
## En resumen

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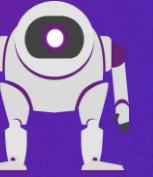
# En resumen

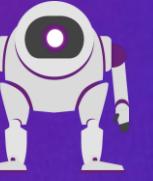
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¿Y si a esto también le metemos IA?

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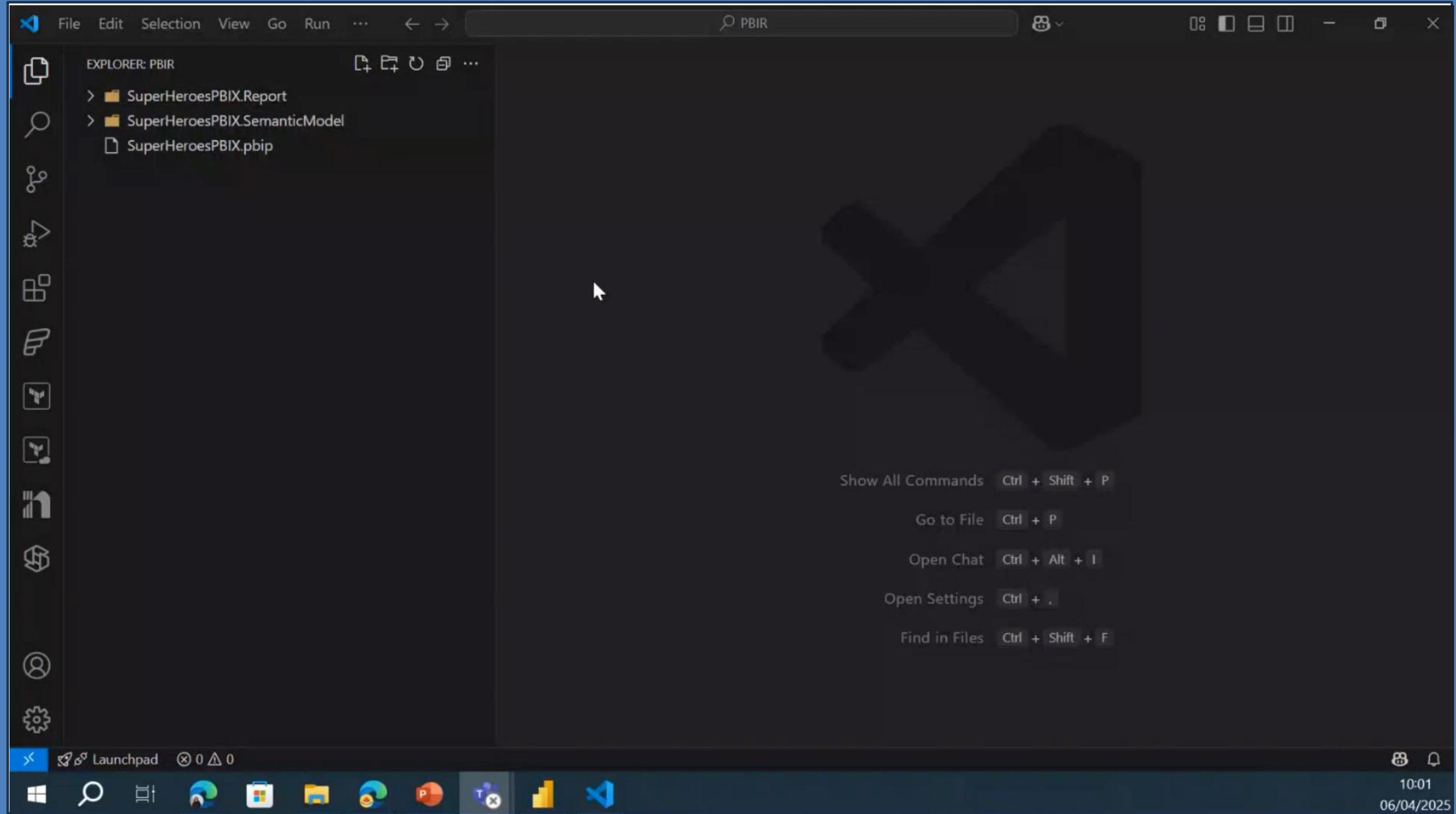




SHOW ME THE CODE!

Entérate de que va el desarrollo que te ha caído entre manos

¿Y si a esto t



¿Y si a esto

## Documentar en bulk 😊

The screenshot shows the Power BI Model Editor interface. The top navigation bar includes File, Home, Help, and External tools. The External tools menu is open, showing icons for ALM Toolkit, Bravo, Model Documenter, Measure Killer, and Tabular Editor. The main workspace displays a DAX script for creating a dimension table:

```
1 createOrReplace
2
3     table 'CharactersRelations DIM'
4         lineageTag: 97a10d45-4ba0-4f78-a0c8-3735dacb8005
5
6             column comicID
7                 dataType: int64
8                 formatString: 0
9                 lineageTag: b5a240eb-5207-4d75-801b-53a81fbdc0d5
10                summarizeBy: count
11                sourceColumn: comicID
12
13             annotation SummarizationSetBy = Automatic
```

The script is saved in Script 1. The Data pane on the right shows the 'Tables' section, specifically the 'CharactersRelations' table, with columns like characterID, comicID, Hero Name, and url.

# Refactorizar DAX

¿Y si a e

SuperHeroesPBIX • Last saved: Today at 8:30 AM (Power BI Project) ▾

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File Home Help External tools

External tools

ALM Toolkit Bravo Model Documenter Measure Killer Tabular Editor

Share feedback Data

Tables Model

Search

Character CharactersImages CharactersInfo CharactersRelations CharactersRelations DIM CharactersRelations DIM (2) CharactersStats CharactersToComics CharactersTotal Comics Heroes Relations

Problems 0 Output

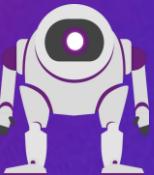
CharRelation DIM Script 1 +

100% 10:20 06/04/2025

The screenshot shows the 'Refactorizar DAX' extension for Power BI. The interface includes a navigation bar with 'File', 'Home', 'Help', and 'External tools' tabs. Below the navigation bar are icons for 'ALM Toolkit', 'Bravo', 'Model Documenter', 'Measure Killer', and 'Tabular Editor'. A search bar and user information are also present. The main area displays a list of tables: Characters, CharactersImages, CharactersInfo, CharactersRelations, CharactersRelations DIM, CharactersRelations DIM (2), CharactersStats, CharactersToComics, CharactersTotal, Comics, and Heroes Relations. On the left, there's a sidebar with icons for 'DAX' and 'TMDL'. At the bottom, there's a 'Problems' section with 0 issues, an 'Output' tab showing 'Script 1', and a toolbar with various icons. The status bar at the bottom right shows the date and time.

# ¿Y la capa de visualización?

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File Home Insert Modeling View Optimize Help External tools

Cut Copy Format painter Clipboard Paste Get data workbook catalog Excel OneLake SQL Server Data Refresh data Recent sources Transform data New visual Text box More visuals New visual calculation New measure Quick measure Sensitivity Calculations Share Copilot Publish Copilot

# Héroes reunidos

Que empiece la lucha...

¿Qué pasaría si... Rocket Raccoon se enfrentara a Thanos?

¿Qué pasaría si... Snowbird se enfrentara a Kingpin?

¿Qué pasaría si... Thor se enfrentara a Magneto?

¿Qué pasaría si... Thor Girl se enfrentara a Ultron?

Portada Fight L1 Result fight L1 Fight L2 Result fight L2 Fight L3 Result fight L3 Fight L4 Result fight L4 +

Page 1 of 9 113% 9:27 08/04/2025

Build Data

Suggestions

Filters

Character Relations Characters Relations Datasheet Characters Stats Characters To Comics Characters Total Comics Heroes Relations

Add data



¿Dudas?

MOVIMIENTO

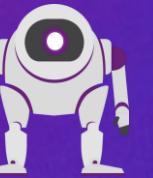
MOVIMIENTO

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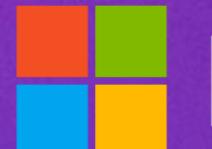
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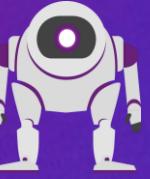
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sessionize



Microsoft



¡Gracias!