Power BI

Portugal

Thank you for joining, we will shortly begin.

Power BI

Portugal

AGENDA

19:00 – 19:15 | Welcome and Quick Update

19:15 – 20:00 | Dataflow vs Dataset; The Power BI Development Architecture You Should Follow - with Reza Rad

20:00 - 20:15 | Q&A

OUR GOALS

We are a group of **Power BI users** and **data enthusiasts**, interested on leveraging data analytics in real business scenarios.

Our group will cover several areas, from **Data Engineering**, **Modelling**, **Data Visualization**, to more advanced analytics such as **Machine Learning**, **Storytelling** and **Open Data**.

JOIN OUR MEETUPS

We start by a quick recap about latest **news**, **upcoming meetups** and **events**.

We offer a mix of introductory **talks**, **live demos** and **deep dive** sessions from **community members** and **experts**.

We usually meet monthly on **Tuesdays** both in **Porto** and **Lisbon**, and **now online**!

POWER BI PORTUGAL TEAM

Manuel Dias
Director Tech Sales
Microsoft

Bruno Basto
Data Solution Architect
Microsoft

Alexandre Baptista
Data Solution Architect
Microsoft

Alexandre Mendeiros
Business Program Manger
Microsoft

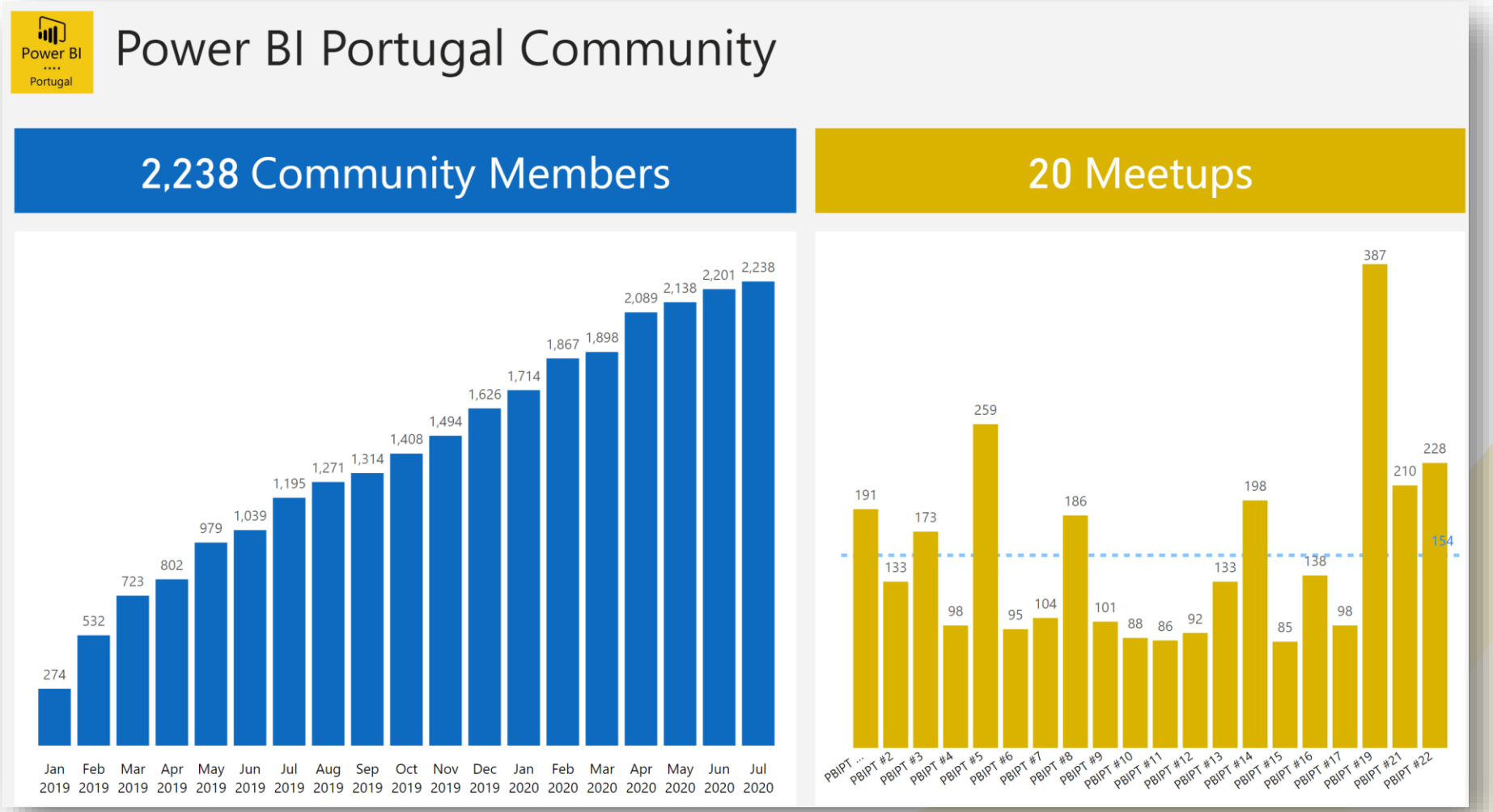
Rui Romano
Head of Business Intelligence
DevScope

Rui Quintino
Head of Data Research
Devscope

Pedro Reis
IT Team Leader
Natixis

Ricardo Freitas
Senior BI Developer
Altran

OUR AMAZING COMMUNITY

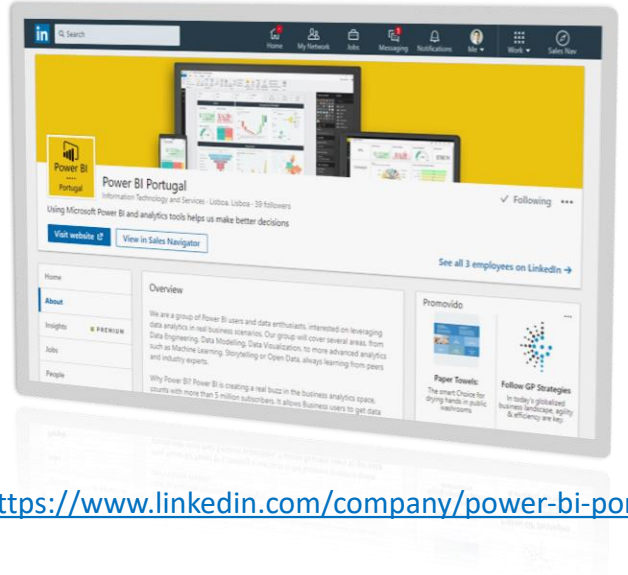


THE CHANNELS

Meetup

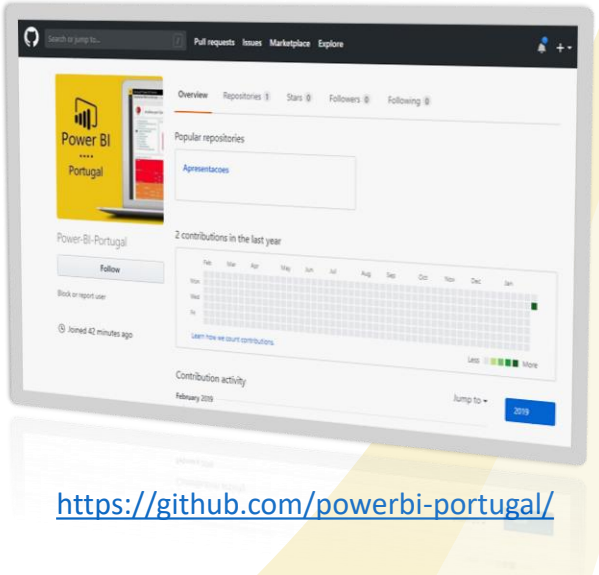
https://www.meetup.com/Power-BI-Portugal/

LinkedIn



https://www.linkedin.com/company/power-bi-portugal

GitHub



https://github.com/powerbi-portugal/

#powerbiportugal

Join our WhatsApp group

https://tinyurl.com/pbiptwhatsapp

Quick Updates

Next week will mark 5 years of Power BI.

To commemorate this milestone, we're hosting an online event to thank the Power BI Community for their dedication and amazing contributions.

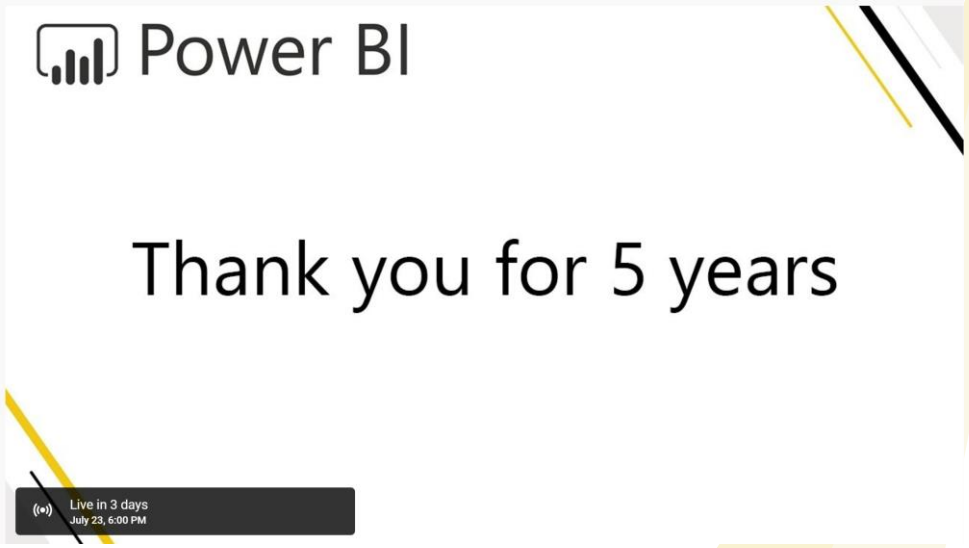
We invite you to join us for the "Thank You for 5 years" online event and share acknowledging the vibrant Power BI Community who helped empower so many people around the world with their knowledge, support and feedback to make Power BI the worlds leading BI platform.

And....who knows... you might get an opportunity to interact with a couple of your favorite Power BI people during the event... or be in the running for one of the 100 vintage inspired Power BI T-shirts we're giving away!

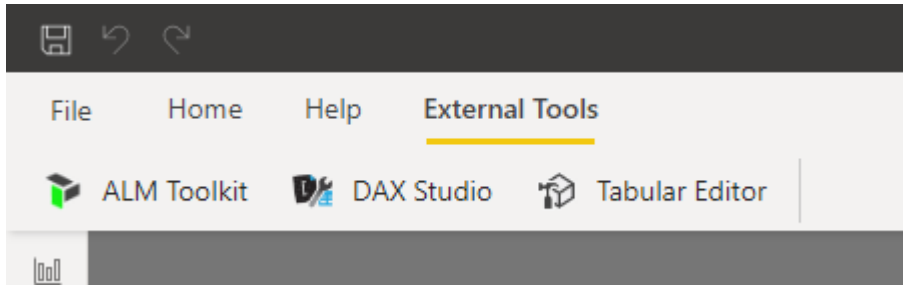
To find out about how to join the event and get sneak peak of the t-shirt visit the **Power BI Community page**

Thank You for 5 Years: Thursday 23 July, 2020 at 10:00 AM – 11:00 AM PDT.

Can't wait to see you there and help us thank the Power BI Community!



https://www.youtube.com/watch?v=jPaG5Pi-68M&feature=youtu.be



How to register external tools

To register other external tools with Power BI Desktop, create a JSON file with the following content:

JSON

```
{
    "name": "<tool name>",
    "description": "<tool description>",
    "path": "<tool executable path>",
    "arguments": "<optional command line arguments>",
    "iconData": "image/png; base64,<encoded png icon data>"
}
```

ALM Toolkit

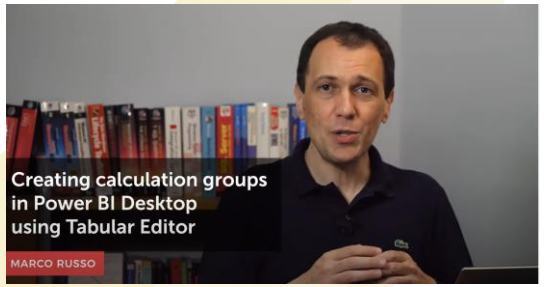
- Schema compare
- ALM Scenarios

DAX Studio

- DAX Authoring, Diagnosing, Tuning
- Query Profiling

Tabular Editor

- Productivity Boost
- The only supported way to:
  - Calculation Groups
  - Translations
  - Perspectives

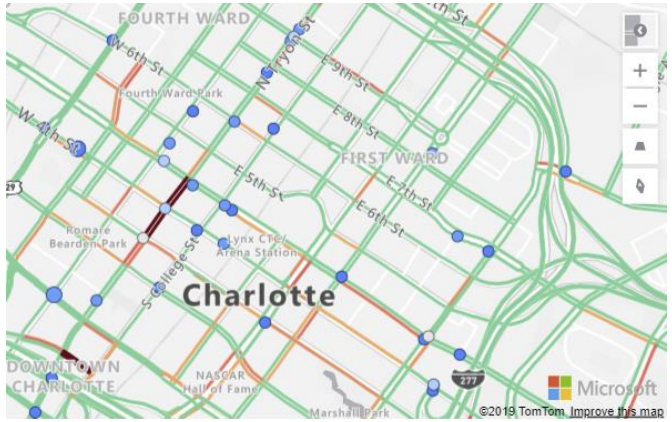


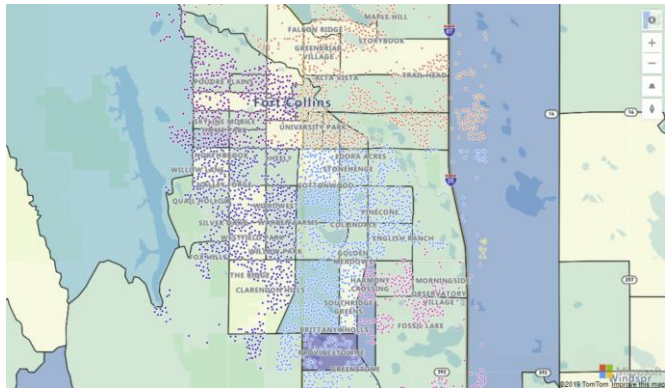
https://powerbi.microsoft.com/en-us/blog/announcing-public-preview-of-external-tools-in-power-bi-desktop/

Azure Maps visual (preview)

The Azure Maps visual for Power BI is now available for Public preview and includes the following visualization layers:

- Bubble layer
- 3D bar chart layer
- Reference layer
- Custom tile layer
- Real-time traffic overlay

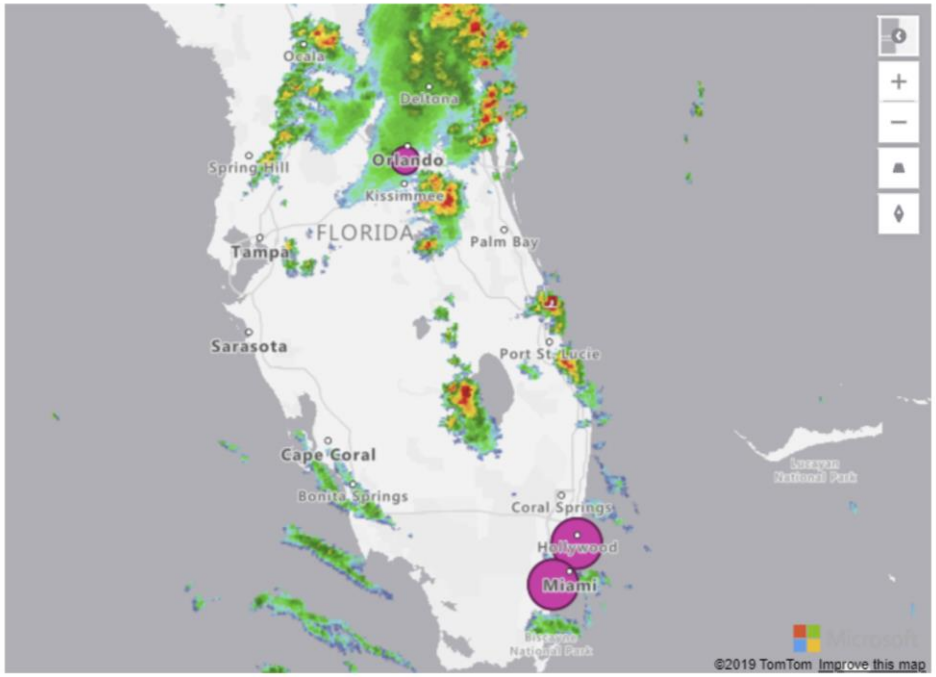




Custom tile layer

Overlay a custom tile layer on the map to add an additional layer of context. Tile layers allow you to superimpose images on top of Azure Maps base map tiles. Overlay weather data from the Azure Maps weather services or bring your own tile service.

The following map displays a bubble layer of sales data of store selling sunglasses above a tile layer showing current weather radar from Azure Maps. In this case, we can easily see that fewer sales of sunglasses are occurring where it is rain.

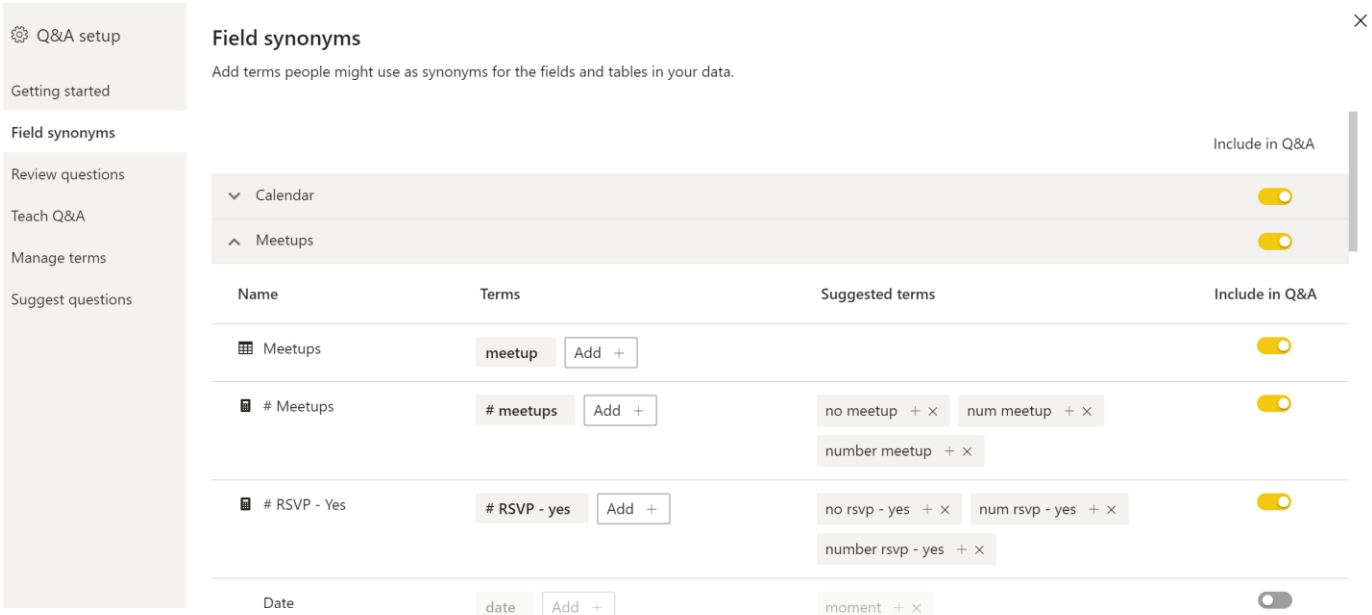


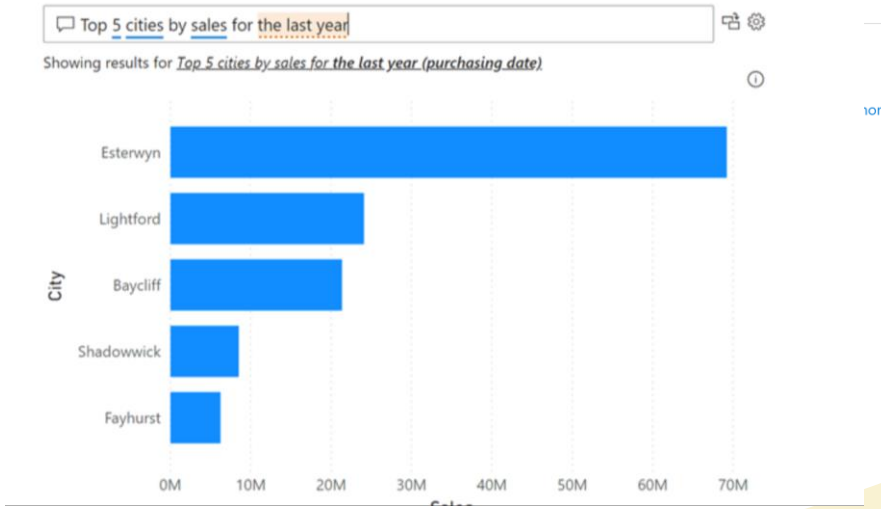
https://powerbi.microsoft.com/en-us/blog/power-bi-desktop-july-2020-feature-summary/#_Azure_Maps_visual

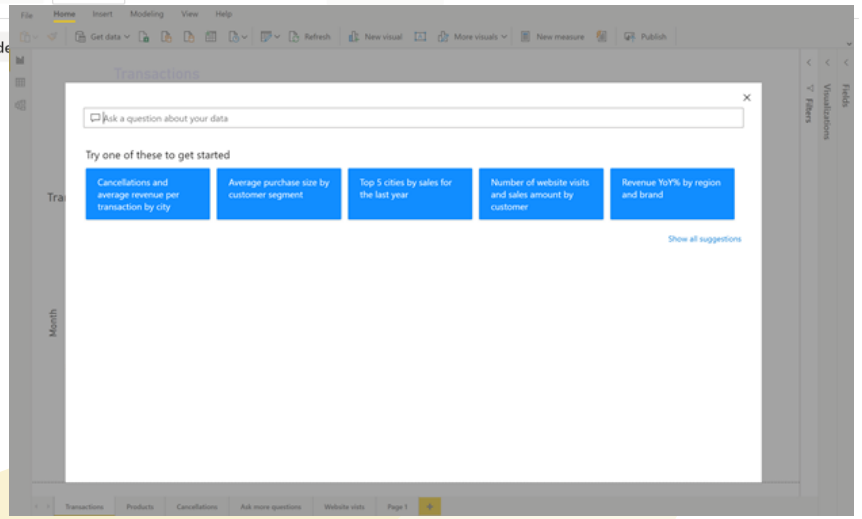
Enhancements to Q&A

We're excited to announce several enhancements to Q&A including:

- New field synonyms
- Visual renames as suggested synonyms
- Orange underlines for ambiguous terms
- Updates to Q&A pop-out





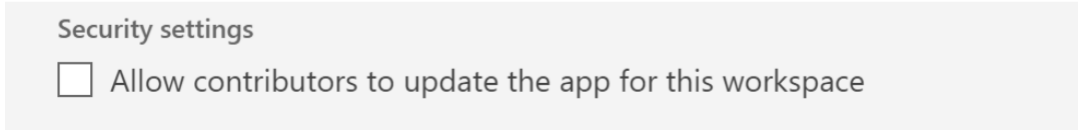


https://powerbi.microsoft.com/en-us/blog/power-bi-desktop-july-2020-feature-summary/#_Enhancements_to_QA

New option to allow contributors to update app content

Many organizations control who can share content with others. They nominate some people like Workspace Admins or Members to control who can access content. They rely on lower privilege users like Contributors to create and update content. However, coordinating between the Contributors, Members, and Admins to update the app for the workspace is a hassle which can lead to delays in updating an app.

Now, we've introduced an option to allow Contributors to update the content for an App. A workspace Admin will find the **Allow contributors to update the app for this workspace** option in the settings pane for a new workspace experience workspace. Its located in **Security settings** when you expand **Advanced**.



Capability	Admin	Member	Contributor	Viewer
Update and delete the workspace.				
Add/remove people, including other admins.	✓			
Allow Contributors to update the app for the workspace	✓			
Add members or others with lower permissions.	✓	✓		
Publish and change permissions for an app	✓	✓		
Update an app.	✓	✓	If allowed [1]	
Share an item or share an app.[2]	✓	✓		
Allow others to reshare items.[2]	✓	✓		
Feature apps on colleagues' Home	✓	✓		
Feature dashboards and reports on colleagues' Home	✓	✓	✓	
Create, edit, and delete content in the workspace.	✓	✓	✓	
Publish reports to the workspace, delete content.	✓	✓	✓	
Create a report in another workspace based on a dataset in this workspace.[2]	✓	✓	✓	
Copy a report.[3]	✓	✓	✓	
Schedule data refreshes via the on-premises gateway.[4]	✓	✓	✓	
Modify gateway connection settings.[4]	✓	✓	✓	
View and interact with an item.[5]	✓	✓	✓	✓
Read data stored in workspace dataflows	✓	✓	✓	✓

https://powerbi.microsoft.com/en-us/blog/announcing-new-contact-list-for-power-bi-apps-and-the-option-to-allow-contributors-to-update-apps/

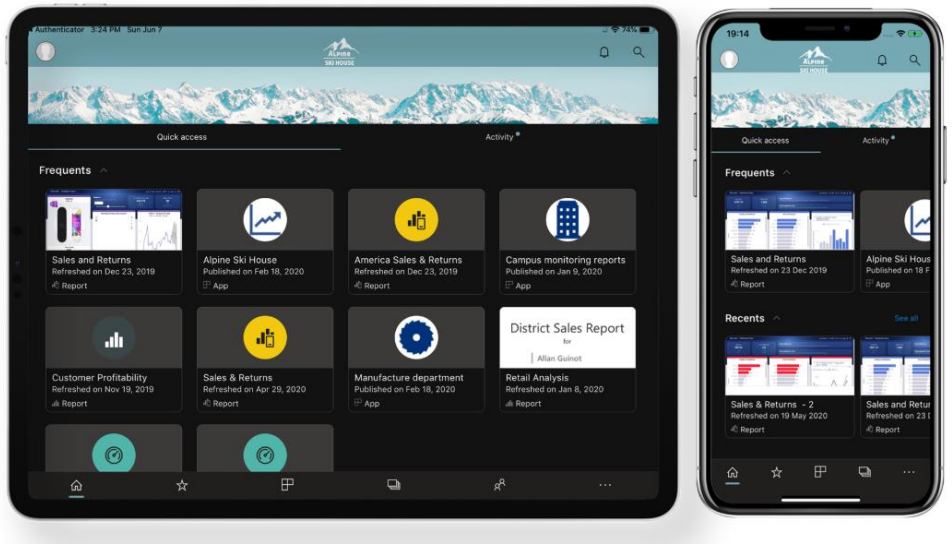
Maya Shenhav
Power BI Mobile and Devices PM

June 10, 2020

Share Tweet Like

In this week's release we've added dark mode support to the Power BI iOS app. Power BI Mobile users know that we're always working to improve our apps and looking for ways to provide our users the best, most delightful, and enjoyable experience possible. And enabling dark mode is one of those things that we know you're going to love!

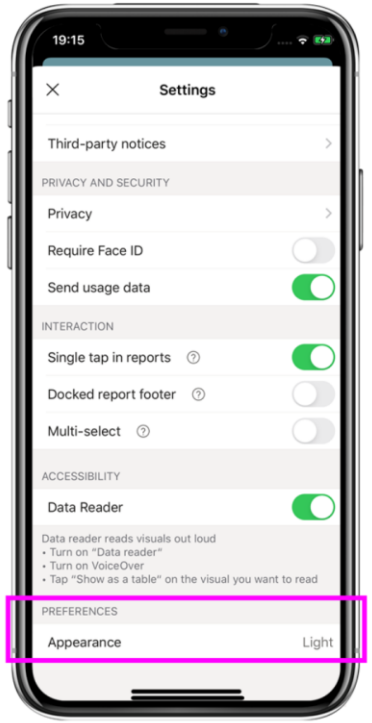
Starting from today, if you find it easier to use the dark theme when you use your device, you can also enjoy that theme when using the Power BI iOS app on your iPhone and iPad.



How to configure dark mode

If you've already configured your device to operate in dark mode (**Device Settings** > **Display & Brightness** > **Appearance**), then you don't need to do anything! The Power BI app will automatically inherit that configuration from the device setting. So just get the latest app version from the store, and you have dark mode enabled!

If you want to use a different theme in Power BI than the theme you've set for your device, go to the app's **Settings** page, tap on **Appearance**, and choose your preference: Dark, Light or System default.



https://powerbi.microsoft.com/en-us/blog/the-theme-youve-been-waiting-for-dark-mode-comes-to-the-power-bi-ios-app/

Modeling

Support for Excel financial functions

We have heard from many financial professionals that they want DAX to support Excel's built-in financial functions. With this release, we are excited to announce that we have added **49 financial functions to DAX**.

Almost all financial functions that you know and love from Excel are now available in DAX, in addition to XNPV and XIRR that we have added earlier. The functions have the same name and signature as their Excel counterparts, so if you have used the Financial functions in Excel, you should feel right at home. Together, these new financial functions make it easier to build financial reports and perform otherwise complex calculations in Power BI. Note that although these functions are available for all languages, the functions themselves will be in English only at this point.

- FV
- PMT
- PV
- RATE
- PPMT
- IPMT
- NPER
- YIELD
- CUMIPMT
- RRI
- DB
- EFFECT
- NOMINAL
- SLN
- MDURATION
- DDB
- PRICE
- CUMPRINC
- DURATION
- ISPMT
- ACCRINT
- INTRATE
- SYD
- COUPDAYS
- TBILLPRICE
- YIELDDISC
- ACCRINTM
- COUPNCD
- DISC
- DOLLARDE
- PDURATION
- AMORDEGRC
- COUPPCD
- PRICEDISC
- TBILLEQ
- VDB
- AMORLINC
- COUPBAYBS
- COUPDAYSNC
- COUPNUM
- DOLLARFR
- ODDFPRICE
- ODDFYIELD
- ODDLPRICE
- ODDLYIELD
- PRICEMAT
- RECEIVED
- TBILLYIELD
- YIELDMAT

https://powerbi.microsoft.com/en-us/blog/power-bi-desktop-july-2020-feature-summary/#_Support_for_Excel

// thank you!