Power BI

Portugal

Thank you for joining today's Meetup. We will begin shortly.

Power BI

Portugal

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AGENDA

17:00 – 17:20	Welcome and Quick Update
17:20 – 17:40	Power BI example 1 by Bruno Basto
17:40 – 18:00	Power BI example 2 by Manuel Banza
18:00 – 18:20	Power BI example 3 by Manuel Dias
18:20 – 18:30	Live Mic

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

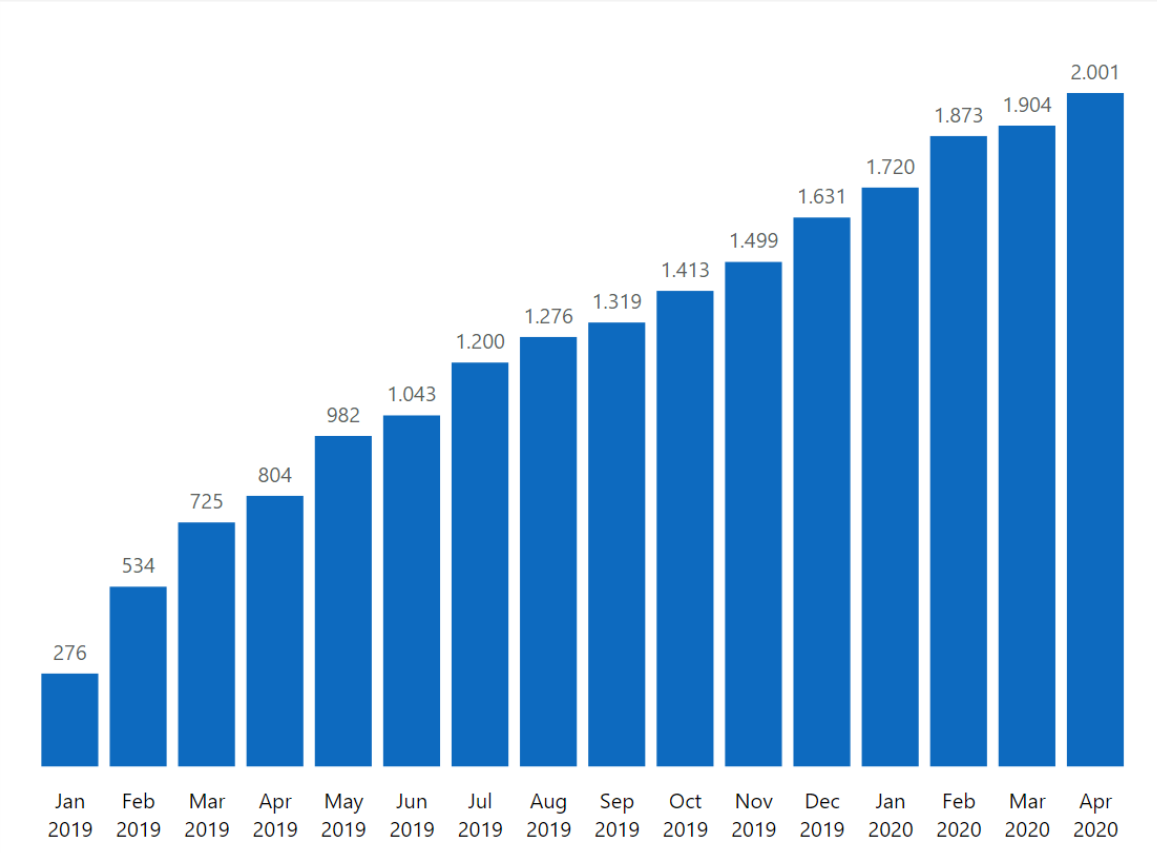
Rui Quintino
Head of Data Research
Devscope

Pedro Reis
Business Intelligence Architect
Altran / Natixis

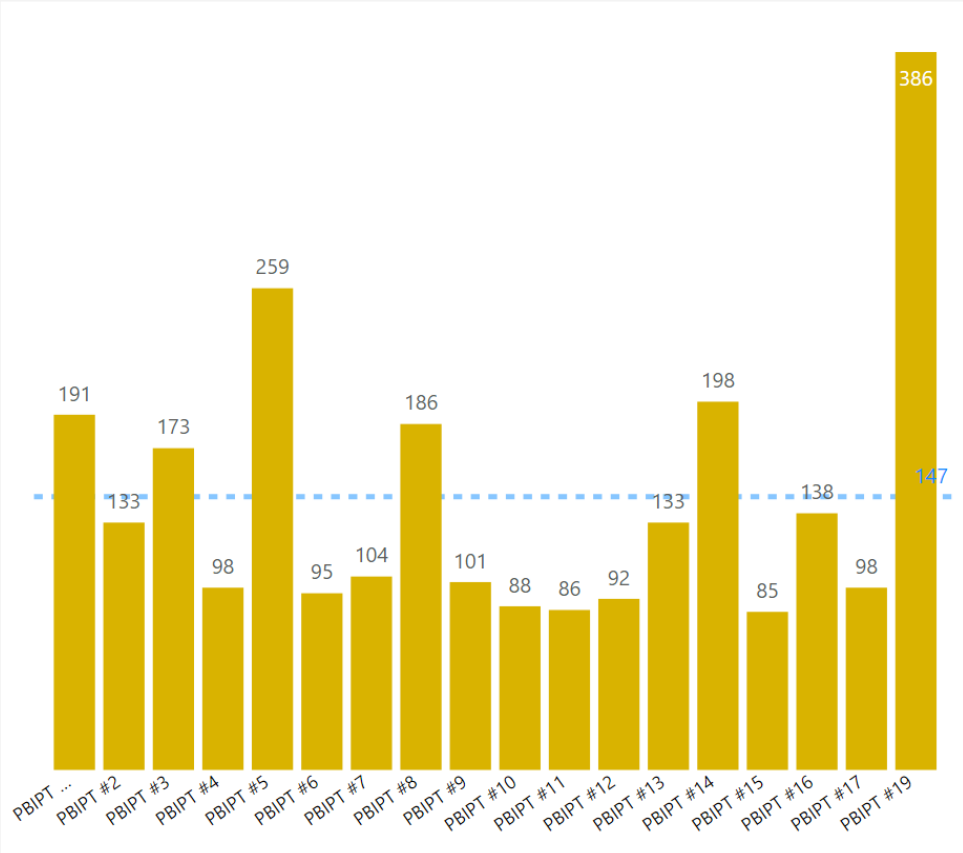
Ricardo Freitas
Senior BI Developer
Altran

OUR AMAZING COMMUNITY

2,001 Community Members



18 Meetups

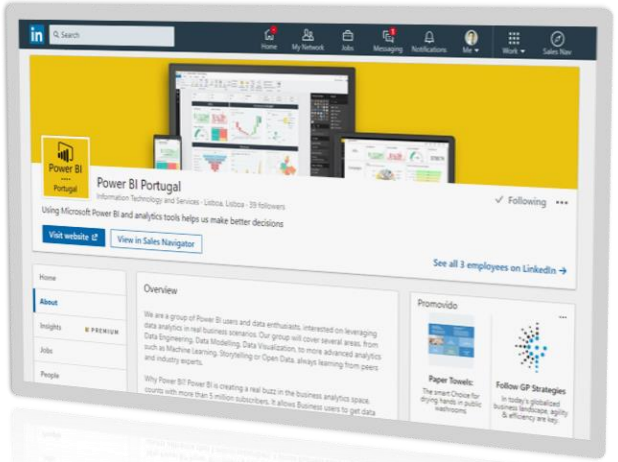


THE CHANNELS

Meetup

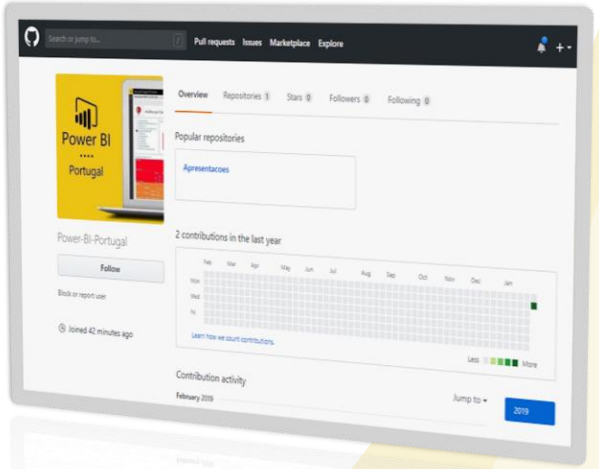
https://www.meetup.com/Power-BI-Portugal/

LinkedIn



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

GitHub



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

#powerbiportugal

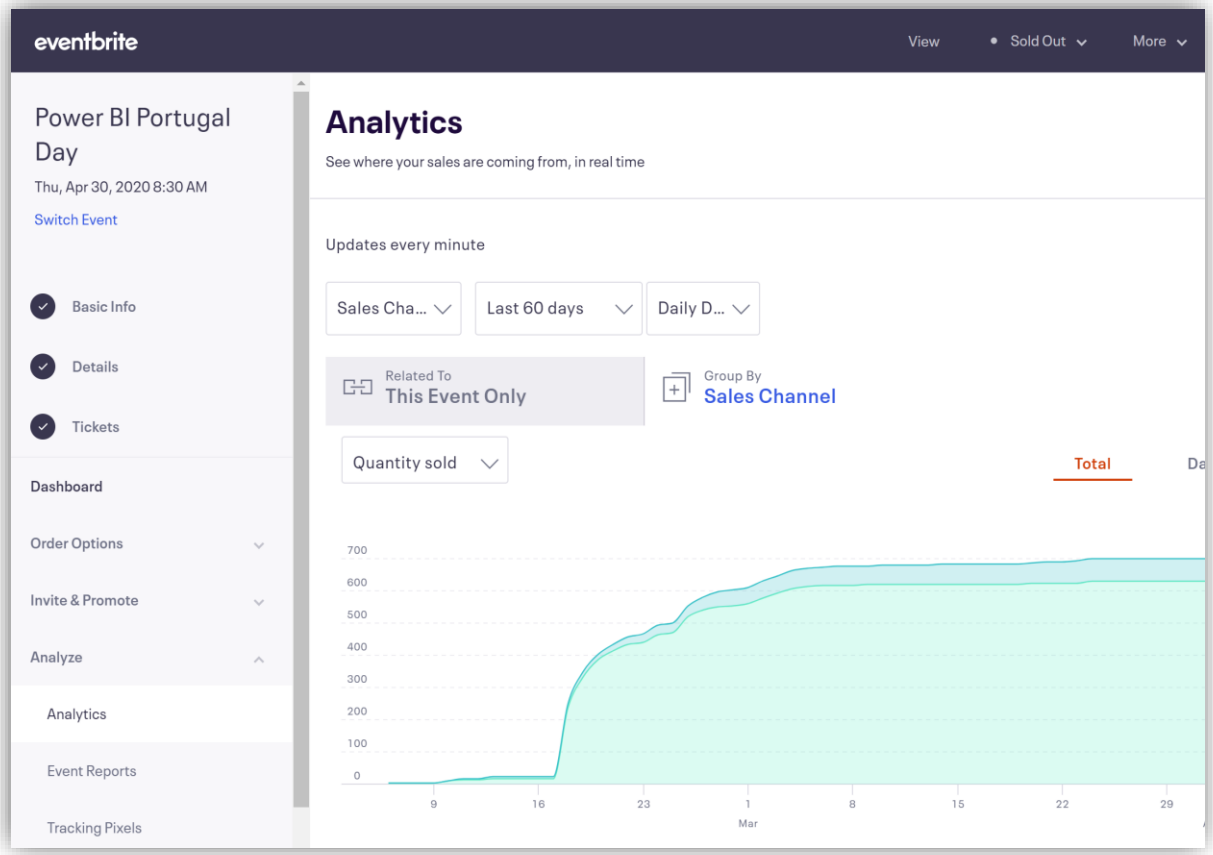
Join our WhatsApp group

https://tinyurl.com/pbiptwhatsapp

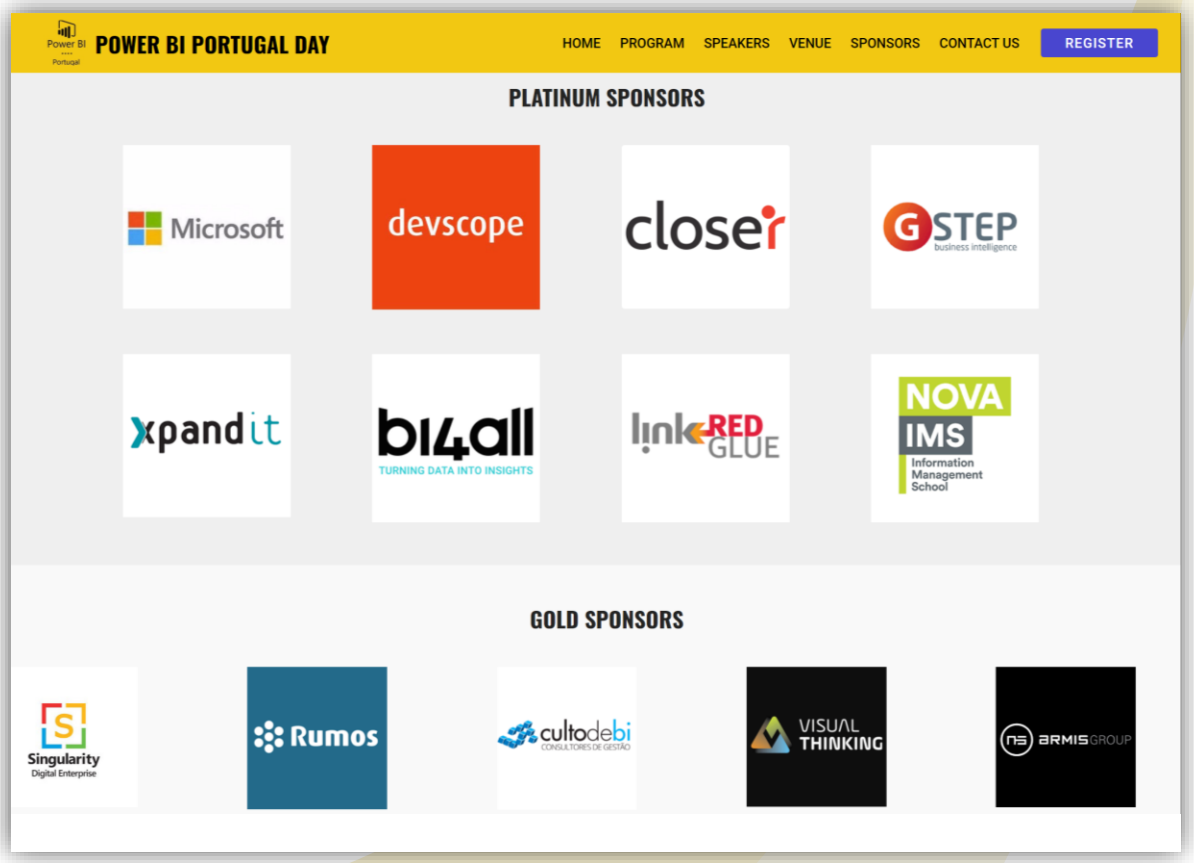
Quick Updates

POWER BI PORTUGAL DAY

700 Registrations!



Thank You for your support!



http://powerbiportugal.com/powerbiday/index.html

Paginated Reports in a Day training is now available free online

- Design report layouts.
- Connect to data sources to retrieve report data.
- Work with parameters.
- Visualize report data.
- Add interactive features.
- Publish, consume, deliver, and embed paginated reports.

PowerPoint presentation and the hands-on labs as a self-study kit in the coming days, so stay tuned for that.

https://aka.ms/priad-online-course

Read/write XMLA endpoints in Power BI Premium

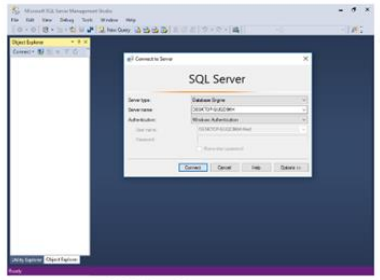
Backwards compatibility with Azure Analysis Services and SQL Server Analysis Services tools.

Functionality now introduced to Power BI Premium datasets includes:

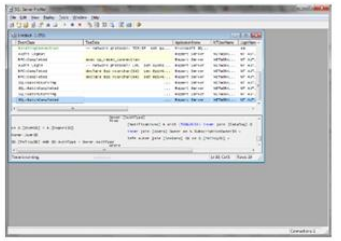
- **Calculation groups** for calculation reusability and simplified consumption of complex models
- **Metadata translations** to support multi-language reports and datasets
- **Perspectives** to define business-domain specific views of dataset metadata

When applications connect to a workspace, access through XMLA endpoints is logged in the **Power BI audit logs.**

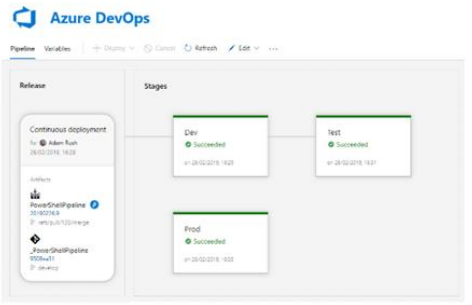
Analysis Services client tools work with Power BI through the **XMLA endpoint**



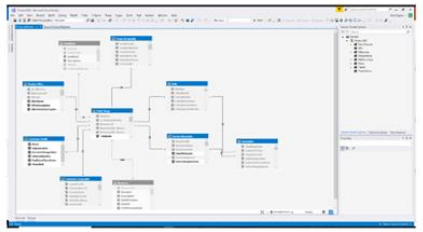
SQL Server Management Studio for **management**



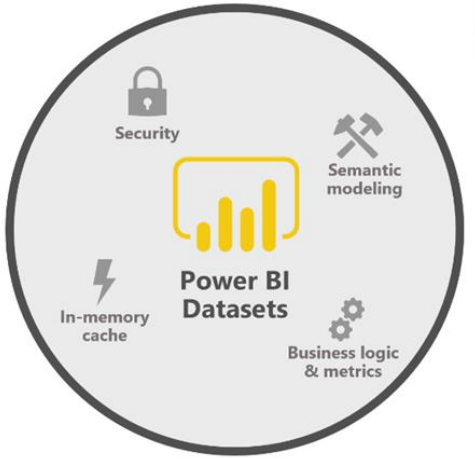
SQL Server Profiler for **debugging**

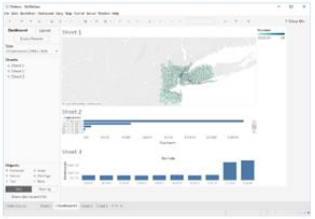


Azure DevOps for **source control & CI/CD**



SQL Server Data Tools for **modeling**



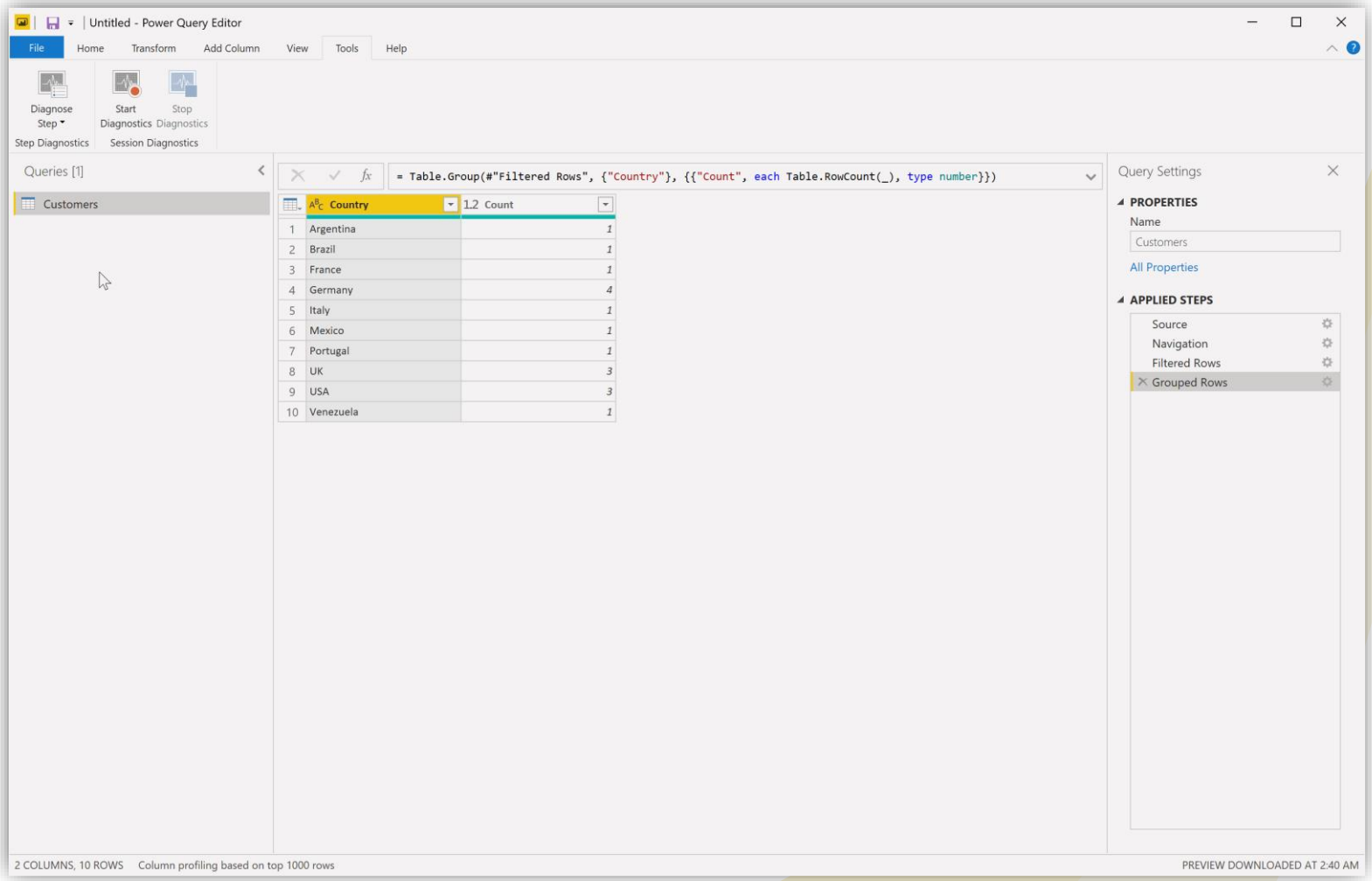


Data visualization including **non-Microsoft tools**

https://powerbi.microsoft.com/pt-pt/blog/announcing-read-write-xmla-endpoints-in-power-bi-premium-public-preview/

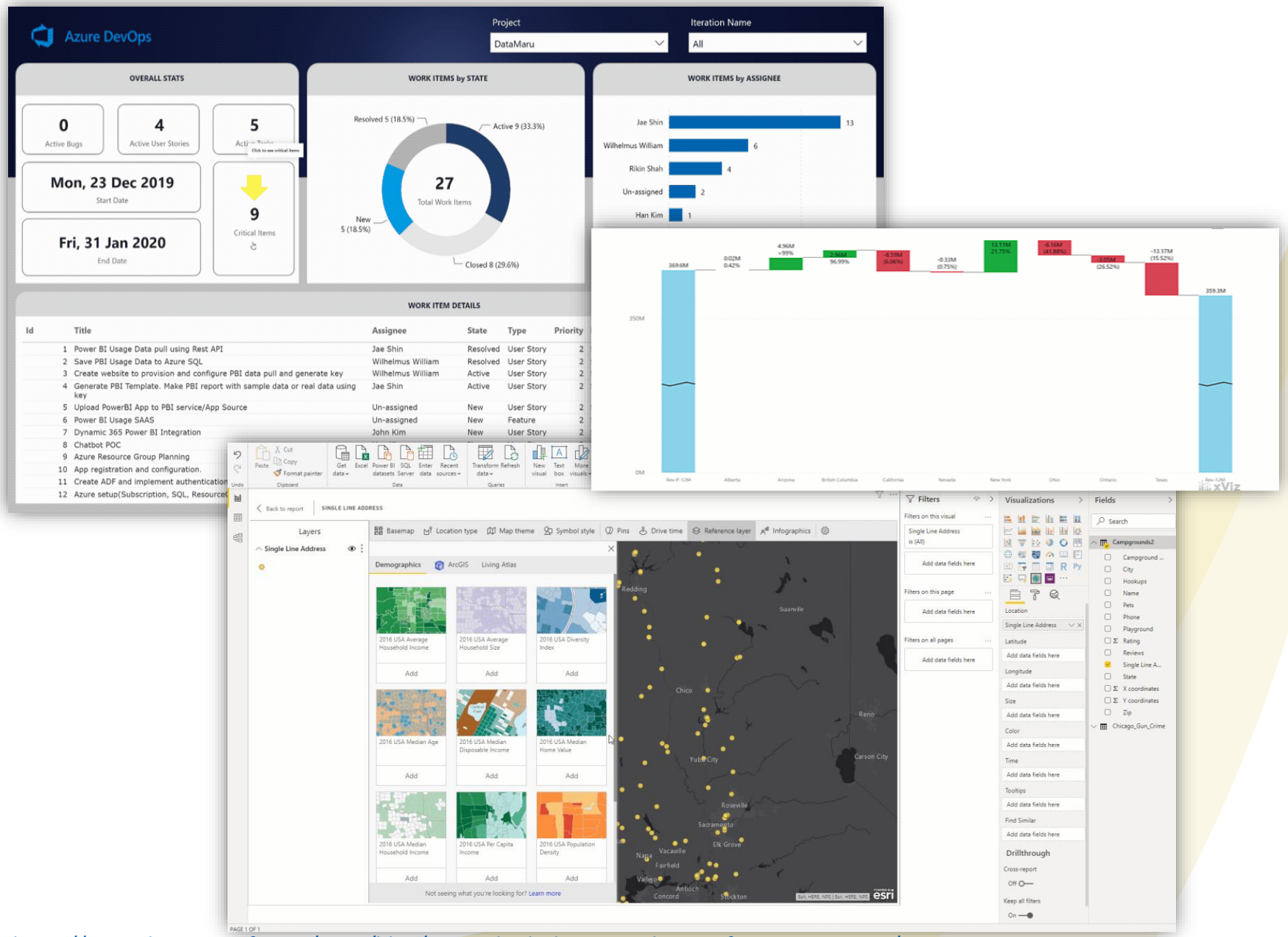
General Availability of Query Diagnostics

Query diagnostics can tell you what sort of operations are being performed and when, what data sources you're connecting to, the native queries being emitted in certain cases, the time spent on different actions– and much more.



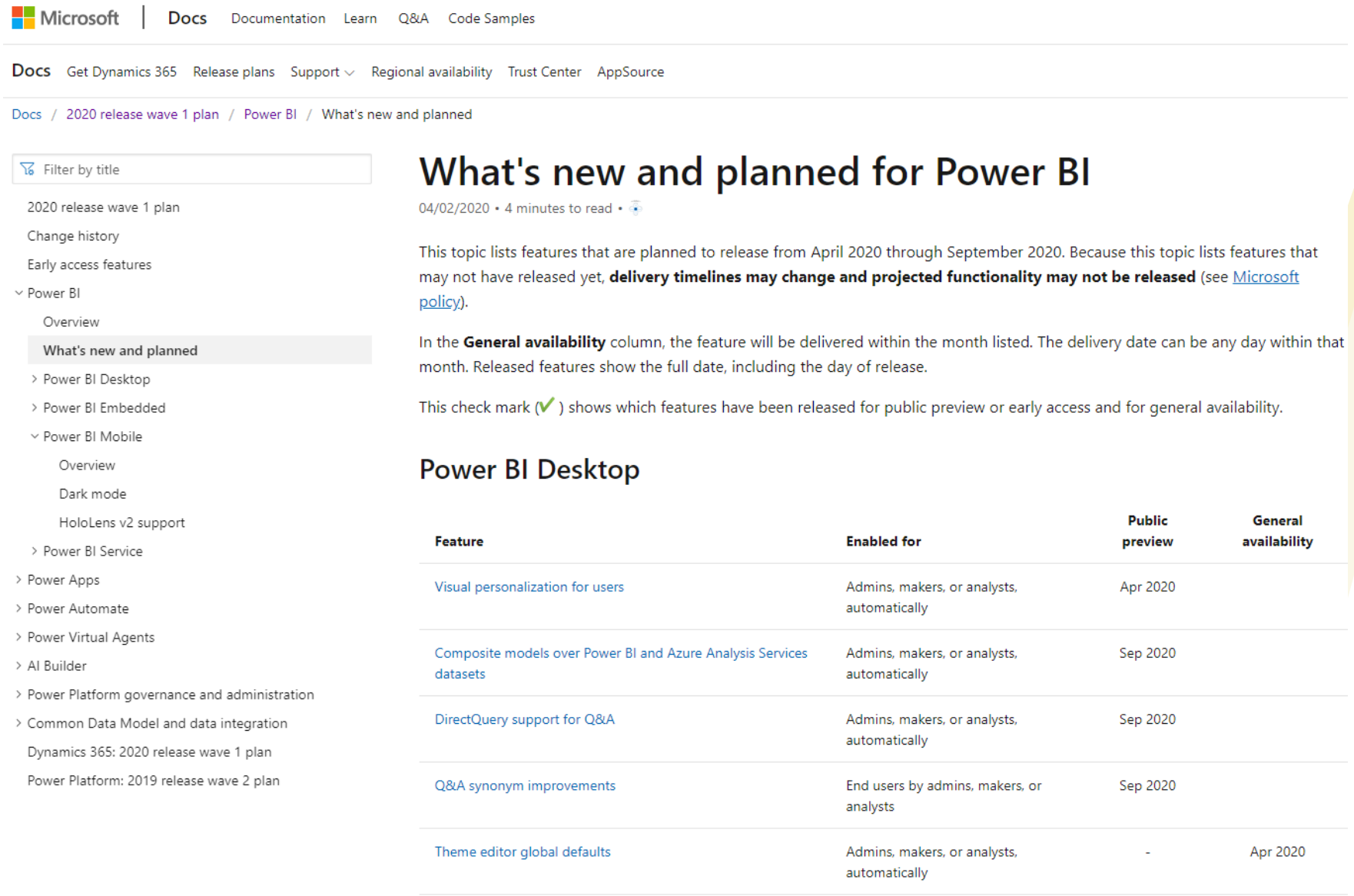
https://powerbi.microsoft.com/pt-pt/blog/announcing-general-availability-of-query-diagnostics/

Power BI Desktop March 2020



https://powerbi.microsoft.com/pt-pt/blog/power-bi-desktop-march-2020-feature-summary/

What's new and planned for Power BI?



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Docs / 2020 release wave 1 plan / Power BI / What's new and planned

Filter by title

- 2020 release wave 1 plan
- Change history
- Early access features
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  - What's new and planned
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  - Power BI Embedded
  - Power BI Mobile
    - Overview
    - Dark mode
    - HoloLens v2 support
  - Power BI Service
- Power Apps
- Power Automate
- Power Virtual Agents
- AI Builder
- Power Platform governance and administration
- Common Data Model and data integration
- Dynamics 365: 2020 release wave 1 plan
- Power Platform: 2019 release wave 2 plan

What's new and planned for Power BI

04/02/2020 • 4 minutes to read •

This topic lists features that are planned to release from April 2020 through September 2020. Because this topic lists features that may not have released yet, **delivery timelines may change and projected functionality may not be released** (see Microsoft policy).

In the **General availability** column, the feature will be delivered within the month listed. The delivery date can be any day within that month. Released features show the full date, including the day of release.

This check mark (✔) shows which features have been released for public preview or early access and for general availability.

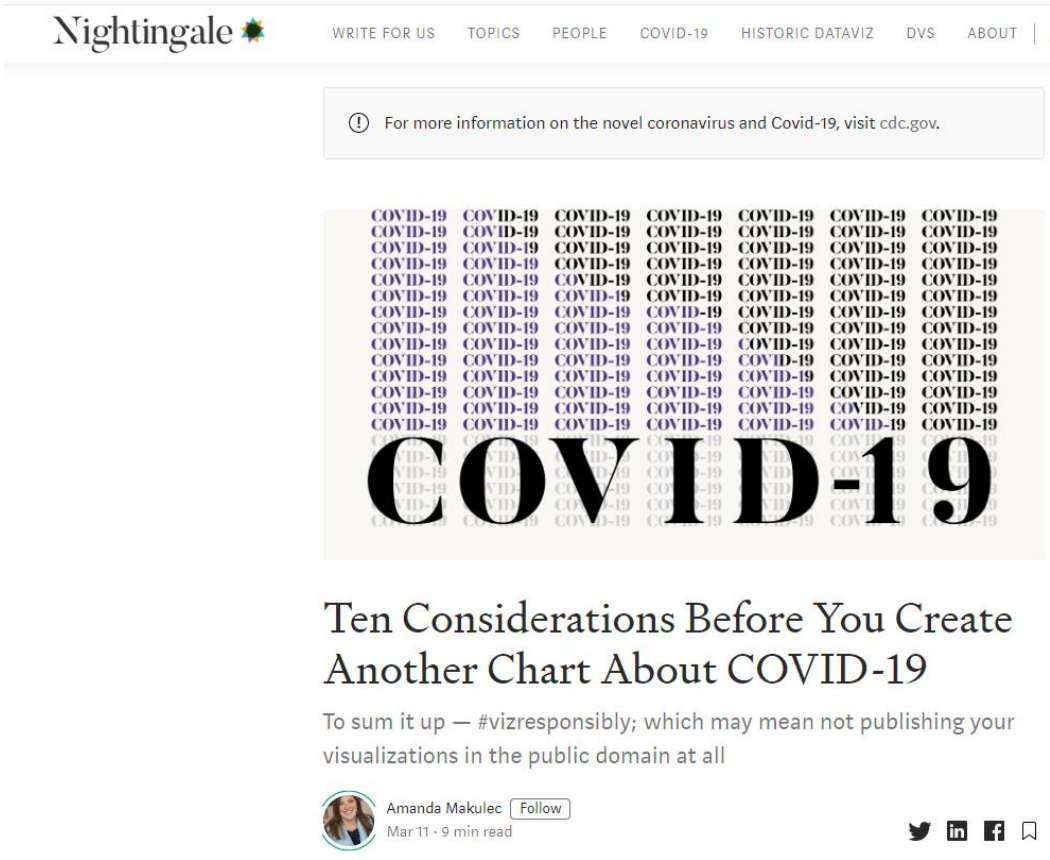
Power BI Desktop

Feature	Enabled for	Public preview	General availability
Visual personalization for users	Admins, makers, or analysts, automatically	Apr 2020	
Composite models over Power BI and Azure Analysis Services datasets	Admins, makers, or analysts, automatically	Sep 2020	
DirectQuery support for Q&A	Admins, makers, or analysts, automatically	Sep 2020	
Q&A synonym improvements	End users by admins, makers, or analysts	Sep 2020	
Theme editor global defaults	Admins, makers, or analysts, automatically	-	Apr 2020

https://docs.microsoft.com/en-us/power-platform-release-plan/2020wave1/business-intelligence/planned-features

TEN CONSIDERATIONS BEFORE YOU CREATE ANOTHER CHART ABOUT COVID-19

1. Do more to understand the numbers than just downloading and diving right into a dataset.
2. Case numbers are the most readily available and updated data, but that doesn't make them simple to visualize.
3. Aggregations and calculations that can be done with the case data are not necessarily what *should* be done with the case data.
4. Be cautious when making generalized predictions or comparisons based on regionally specific data.
5. Visualizations should inform and be honest about what isn't represented.
6. Epidemiologists and public health agencies create complex models to understand how the disease may progress.
7. Data scientists and statisticians have also been publishing their own models and related conclusions about disease projections.
8. Make thoughtful design decisions.
9. Consider the human side of what you create.



https://medium.com/nightingale/ten-considerations-before-you-create-another-chart-about-covid-19-27d3bd691be8

// thank you!