

PowerBI Roadshow

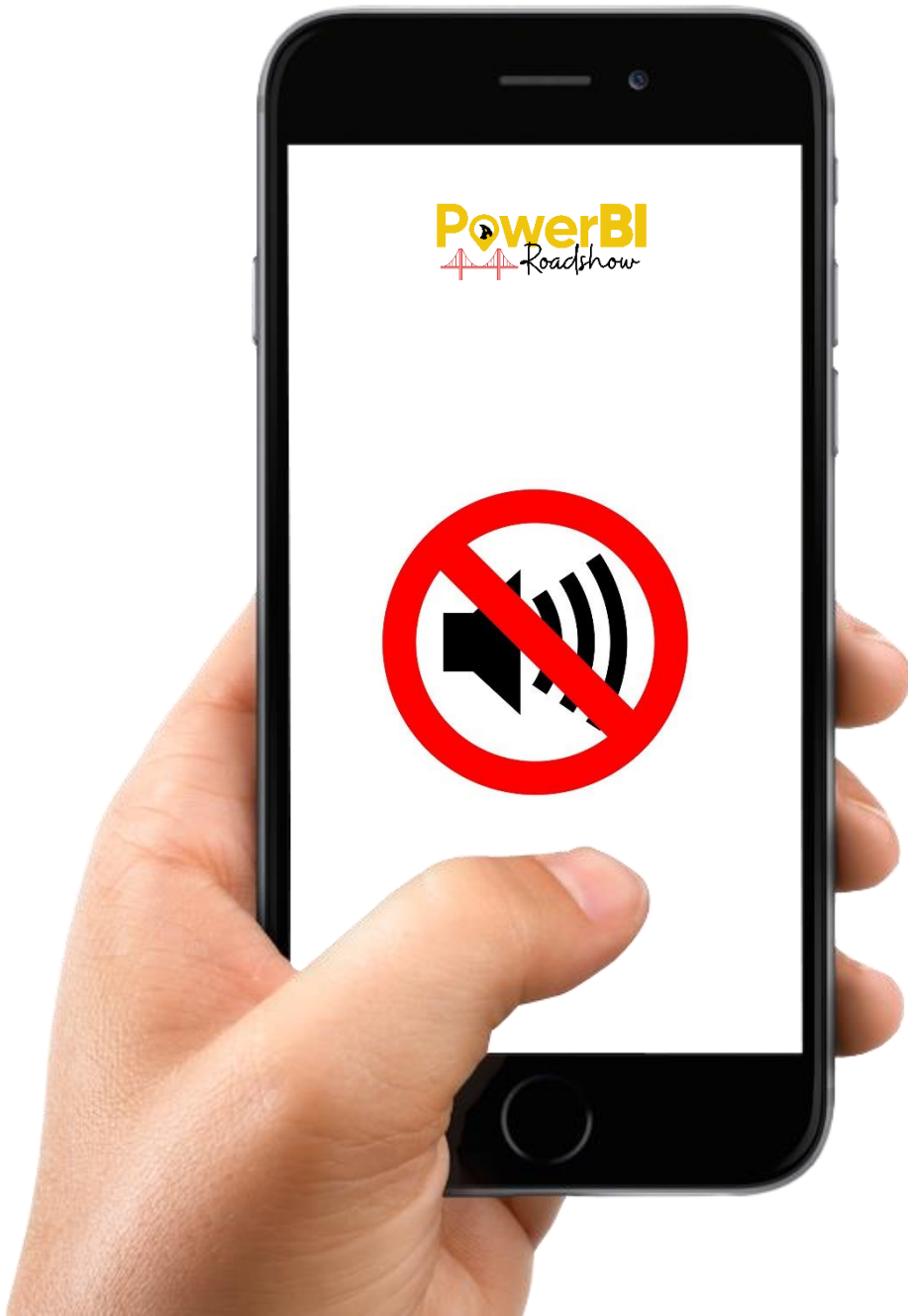
A stylized red suspension bridge graphic with two towers and a central span, positioned below the 'PowerBI' text.

PowerApps Love Mobile

Ricardo Cabral

Lisboa

2019-11-16



Lembre-se:
Telemóveis/Celulares
Em Modo
Silencioso.

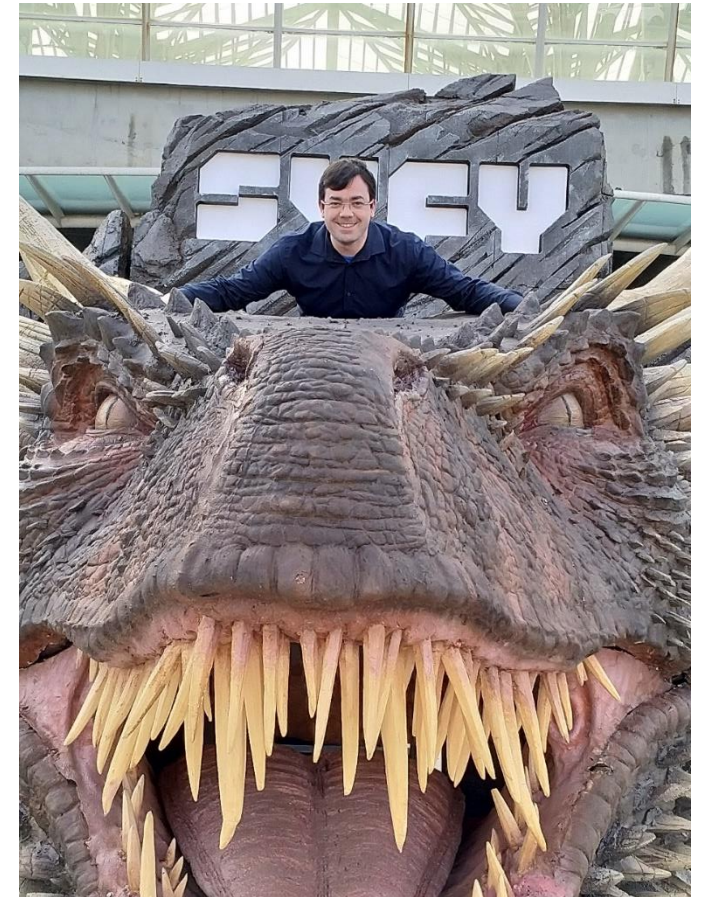
Remember:
Cell Phones
In Silent
Mode.

Really nice people that pay for the food! Malta fixe que paga a comida!



Speaker Bio

- Ricardo Cabral
 - Technical Engineer in Computer Science and also Microsoft Certified Trainer (MCT).
 - IT Trainer | IT Consulting.
 - I participate, volunteer and speak in community meetings.
 - In my free time I'm often spotted at Xbox Live.
-
- <http://www.rramoscabral.com>
 - rramoscabral@gmail.com
 - <https://LinkedIn.COM/in/rramoscabral>
 - <https://Twitter.COM/rramoscabral>



Power Users

- Who understand their business challenges the best can now quickly build and deliver solutions without writing code
- Power Platform
 - <https://powerusers.microsoft.com/>



Source: lego.com

MEASURE



Power BI

ACT



PowerApps

AUTOMATE



Microsoft Flow

What is PowerApps


- An application Platform as a Service (aPaaS) to build high-productivity business apps
- It's a fast developing environment that lets you build custom applications using services, connectors and data platform
- Uses responsive layouts to run seamlessly in browser or on mobile devices
- The app can be publish for web and mobile

Application Types

Make your own app




Canvas app from blank

 Canvas app

- WYSIWYG design
- Create forms, workflows and others
- Mash up data from multiple sources right at the app level
- Build visually appealing, pixel-perfect apps
- Use any PowerApps license



Model-driven app from blank

 Model-driven app

- Rich component-focused no-code design environments
- Complex responsive apps on web and mobile
- Create apps around forms and processes
- Component-driven approach to app building
- Only PowerApps Plan or Dynamics 365 Enterprise license



Portal from blank

 Portal

- Blank canvas
- Template

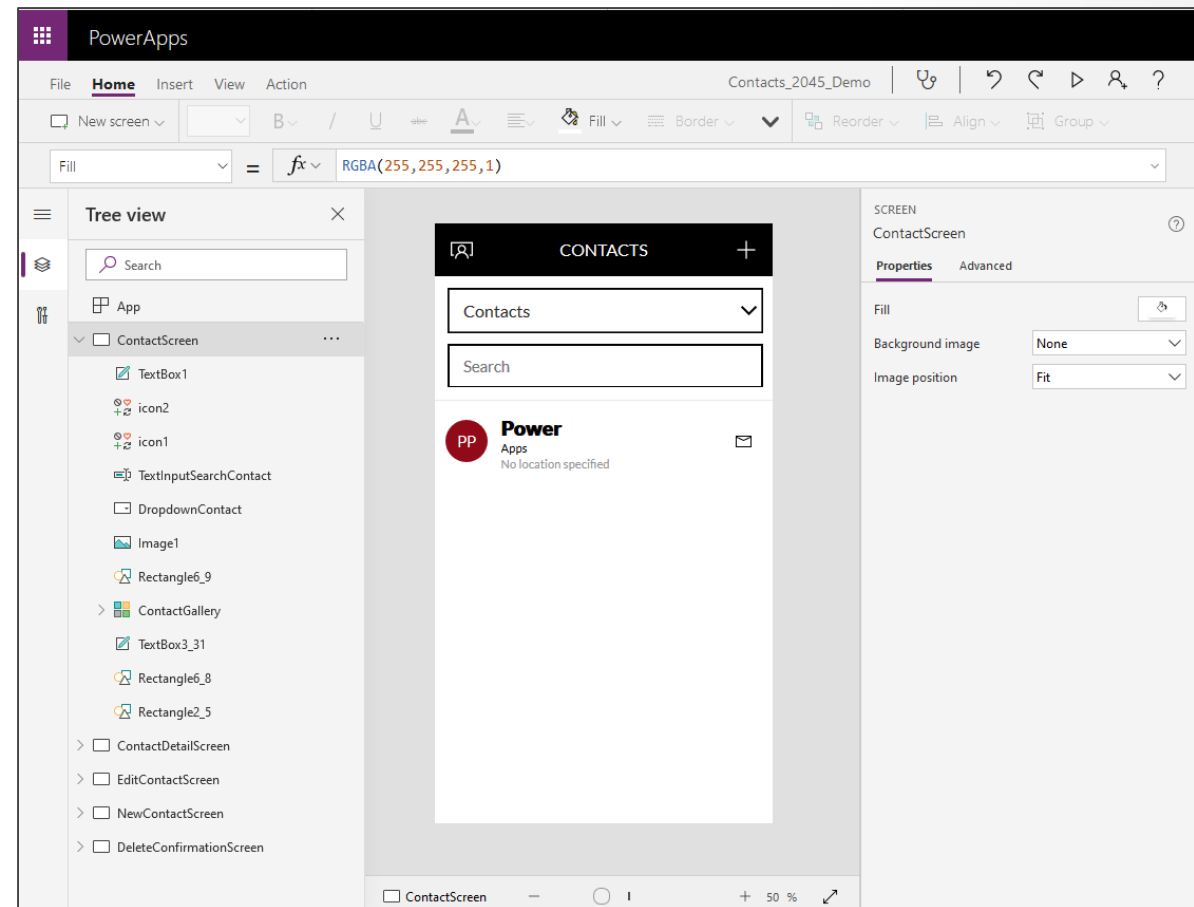
Create Canvas App

- PowerApps Studio

- <https://make.powerapps.com>

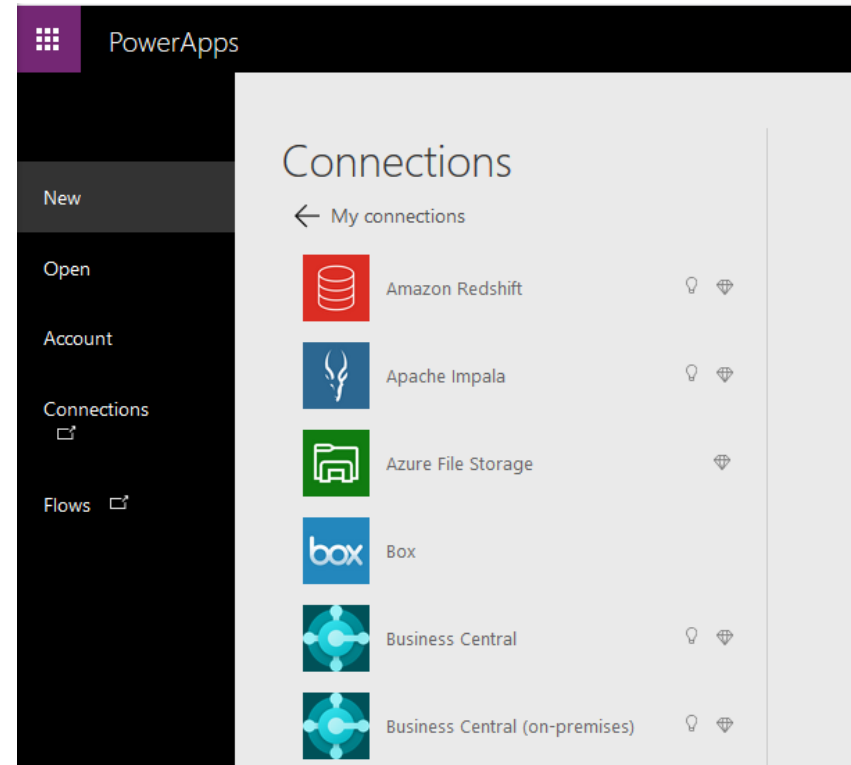
- Embed apps

- Power BI Tiles
- Microsoft Teams
- and more



Data Sources & Connections

- Azure File Storage
- Common Data Service (**Premium**)
- Dynamics 365 (**Premium**)
- Excel
- Google Sheets
- Office 365
- OneDrive for Business
- SharePoint List
- SQL Server (**Premium**)
- And more with over 200+ cloud services, files, databases, web APIs, etc.



Data Entities

- Interact & export data entities

Entity ↑	Name ↓	Type ↓	Customiza... ↓	Tags ↓	
Account	...	account	Standard	✓	Master
Address	...	customeraddress	Standard	✓	Standard
Appointment	...	appointment	Standard	✓	Productivity
Attachment	...	activitymimeattachment	Standard	✓	Productivity
Business Unit	...	businessunit	Standard	✓	Standard
Contact	...	contact	Standard	✓	Master
Currency	...	transactioncurrency	Standard	✓	Standard
Email	...	email	Standard	✓	Productivity
Email Template	...	template	Standard	✓	Standard
Fax	...	fax	Standard	✓	Productivity
Feedback	...	feedback	Standard	✓	KB
Letter	...	letter	Standard	✓	Productivity
Mailbox	...	mailbox	Standard	✓	Configuration

PowerApps Mobile

- Cross-platform
 - Android 7 or later
 - iOS 12 or later
 - Microsoft Windows 8.1 or later
 - Web browser
- Who can use
 - Azure AD credentials
 - Office 365
 - Dynamics 365



Google Play: <https://aka.ms/powerappsandroid>

Apple App Store: <https://aka.ms/powerappsios>

Microsoft Store: <https://aka.ms/powerappswin>

Web: <https://web.powerapps.com>

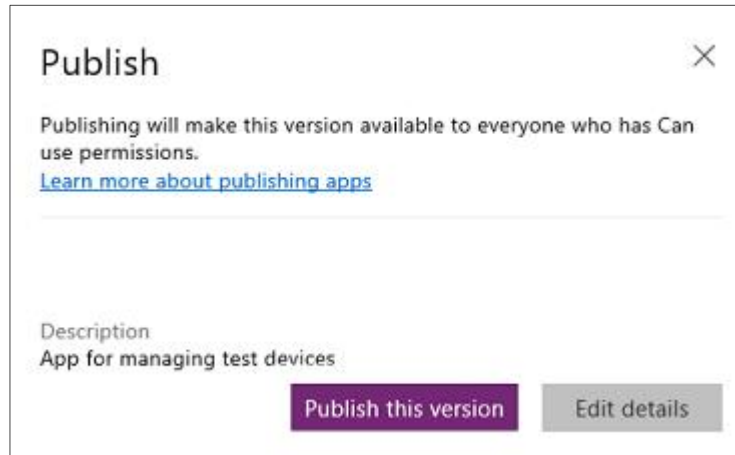
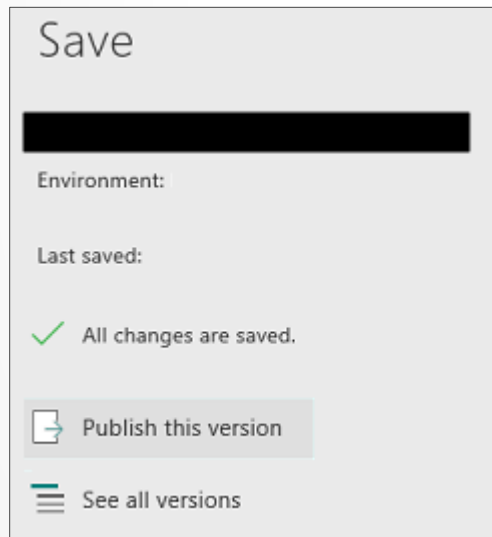
Demo



Send e-mail using PowerApps & Microsoft Flow

Publish your App

- One app can be shared with users without a Per User plan
- To publish an app require a Per User plan



PowerApps Admin Center

The image displays two overlapping screenshots of the PowerApps Admin Center. The background screenshot shows the 'Resources' tab for a tenant named 'Ricardo Cabral (default)'. It features a search bar for loaded apps and a table with columns for NAME, APP TYPE, OWNER, and MODIFIED. The table contains four rows of data, with the first three rows having 'Standard' as the app type and the last row having 'SharePoint Form'. A 'Download list' button is visible in the top right of the table area.

The foreground screenshot shows the 'Environments' page with a 'New environment' dialog box open. The dialog box contains the following fields and options:

- Environment name:** A text input field.
- Region:** A dropdown menu with 'Europe (default)' selected. A note below states: 'Can't be changed once your environment is created.'
- Environment type:** A dropdown menu with 'Trial' selected. Other options include 'Production'.
- Buttons:** 'Cancel' and 'Create environment'.

Below the dialog box, a table shows the 'CREATED' column with a value of 'SYSTEM'.

- <https://admin.powerapps.com>

PowerApps/Power Automate for Office 365

Functionalities	PowerApps for Office 365
Create, run and share apps	Yes
Run canvas apps in context of Office 365	Yes
Connect to Office 365 data	Yes
Connect to cloud services using standard connectors	Yes
Run apps in a browser or PowerApps mobile for iOS and Android	Yes
Run Canvas apps offline	Yes
Support for data policies established by the Office 365 administrator	Yes
Access on-premises data or use premium or custom connectors	No
Data storage and management in Common Data Service	No

- <https://docs.microsoft.com/en-us/power-platform/admin/pricing-billing-skus>

Power Apps Community Plan

Power Apps Community Plan

Power Apps Community Plan

Get a free environment for individual use

- Learn and develop your Power Apps and Power Automate skills
- Explore and create in a full-featured environment for development
- Build apps on a single, extensible view of your data with the Common Data Service


[Get started free](#)

Existing user? [Create an individual environment](#)

- <https://powerapps.microsoft.com/en-us/communityplan/>


- PowerApps Community Plan: a free development environment for individual use
 - <https://docs.microsoft.com/en-us/powerapps/maker/dev-community-plan>

Visual Studio Dev Essentials



PowerApps
Community Plan

Build business apps and
workflows with a free
environment for individual us...

[Sign Up](#) 

- <https://my.visualstudio.com/benefits>

PowerApps Individual Plans

	Per app plan €8.40 user/app/month	Per user plan €33.70 user/month
	Allow individual users to run applications for a single business scenario based on the full capabilities of Power Apps.	Equip users to run unlimited applications based on the full capabilities of Power Apps.
Run custom apps		
Build and run custom apps	Two apps and a single portal	Unlimited apps and portals (https://aka.ms/platformlimits)
Explore what's included		
Connect to your data	Use pre-built and custom connectors	
	Use on-premises connectors and gateway	
Store and manage data	Create and access custom entities	
Use Common Data Service		
Common Data Service database capacity	50 MB	250 MB
Common Data Service file capacity	400 MB	2 GB
Execute workflows	Power Automate use rights including premium connectors	
	Asynchronous and custom real-time workflows	

- <https://powerapps.microsoft.com/en-us/pricing/>

Resources for Everyone

- Microsoft Power BI
 - Power BI community: <http://community.powerbi.com/>
 - Power BI Support: <http://support.powerbi.com/>
- Microsoft Power Apps
 - Learning Resources: <https://aka.ms/powerapps-resources>
 - Learning Resources: <https://aka.ms/PowerPlatformResources>
 - Power BI community: <https://community.powerapps.com>
- Microsoft Flow
 - Learning Resources: <https://aka.ms/flow-resources>



Source: lego.com



Source: keepcalmandposters.com

Q&A

PowerBI Roadshow



Thank You!

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