



Power Platform Portugal



## Power Platform Portugal

Meetup #2 - 18th of March 17:00 GMT+1 (Lisbon Time)

### Power Apps 101: the journey begins!

Ready to get your hands dirty in some Power Apps? In this session, we'll cover all the foundations that you'll need to know to start developing your own applications. We will also cover all the recent disclosures and Power Platform news that were announced at Microsoft Ignite.



Miguel Oliveira





Power Platform Portugal

# AGENDA

17:00 – 17:05 | Welcome and Quick Update

17:05 - 17:30 | Power Platform Ignite Announcements

17:30 - 18:20 | Power Apps 101: the journey begins!

18:20 - 18:30 | Q&A & Feedback



# OUR TEAM



**Manuel Dias**

National Technology Officer  
@ Microsoft



**Rodrigo Umbelino**

Intelligence Technical Specialist  
@ Microsoft



**Ricardo Calejo**

Portals Team Manager  
@ DevScope



**Miguel Oliveira**

Partner Technical Architect  
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**Sérgio Viana**

Partner and Digital Xperience Lead  
@ Xpand-IT



**Pedro Pardal**

Solution Architect  
@ Shift Consulting

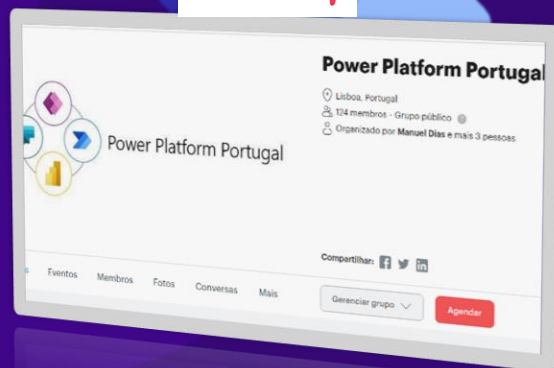


**Rúben Veloso**

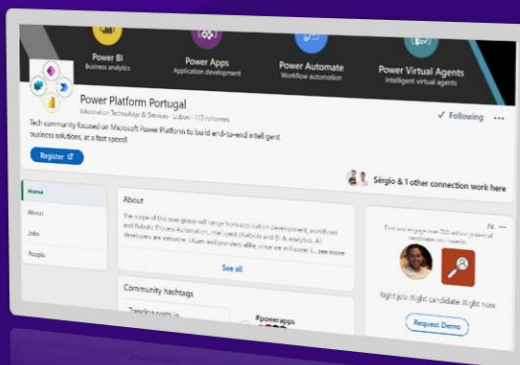
Team Manager | Collaboration and  
Productivity @ Armis



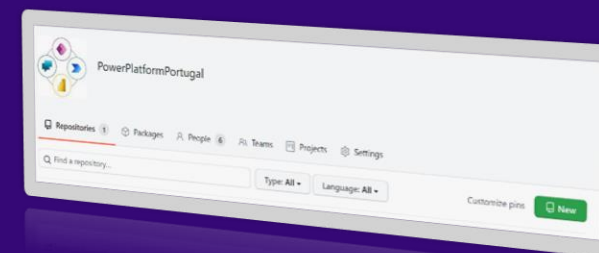
# OUR CHANNELS



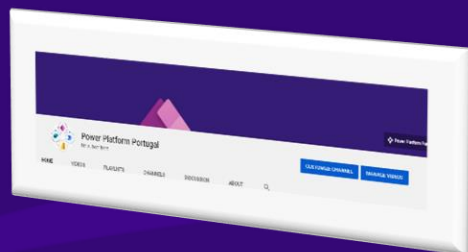
[https://www.meetup.com/power\\_platform\\_portugal](https://www.meetup.com/power_platform_portugal)



<https://www.linkedin.com/company/power-platform-portugal>  
#powerplatformportugal



<https://github.com/PowerPlatformPortugal/>



<https://www.youtube.com/channel/UCPwF01EfXvxeBaWykP-JWoA>



JOIN THE GROUP WITH THE INVITATION LINK:  
<https://tinyurl.com/3ywrj32w>



# CALL FOR VOLUNTEERS



Be our  
Sponsor

Your company can sponsor one of our upcoming events.  
All sponsorship reverts to our community.

Call for  
speakers

Would you like to speak at one of the next meetups?

Volunteer

Do you want to help us organize the next meetups and keep growing our community?



powerplatformportugal@gmail.com



# Low Code Language for Everyone



# Microsoft Power Platform

The low-code platform that spans Office 365, Azure, Dynamics 365 and standalone applications

Innovation anywhere. Unlocks value everywhere.



**Power BI**

Business analytics



**Power Apps**

Application development



**Power Automate**

Workflow automation



**Power Virtual Agents**

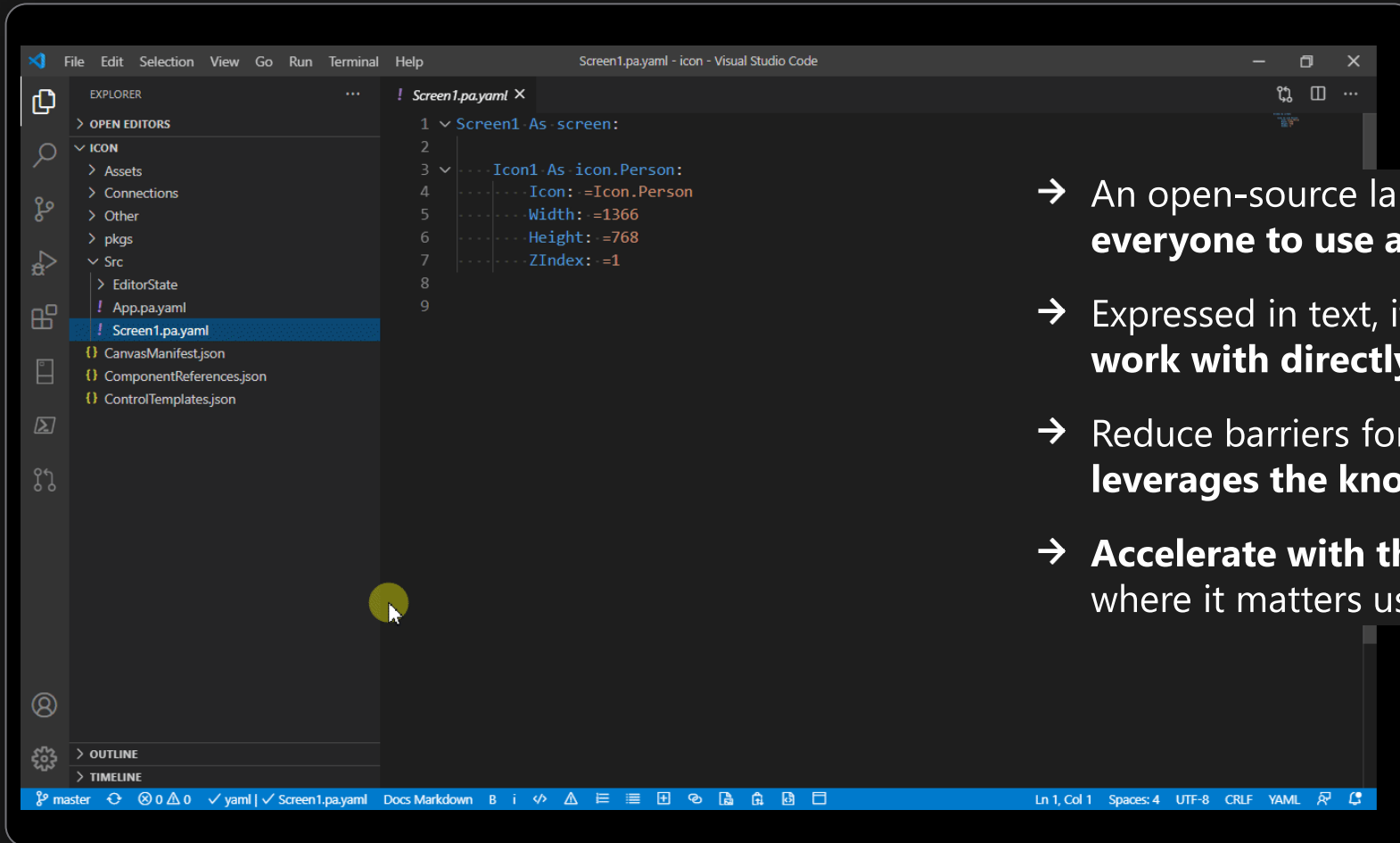
Intelligent virtual agents

**Microsoft Power Fx**

A unified formula language for logic customization for the Power Platform

# Microsoft Power Fx

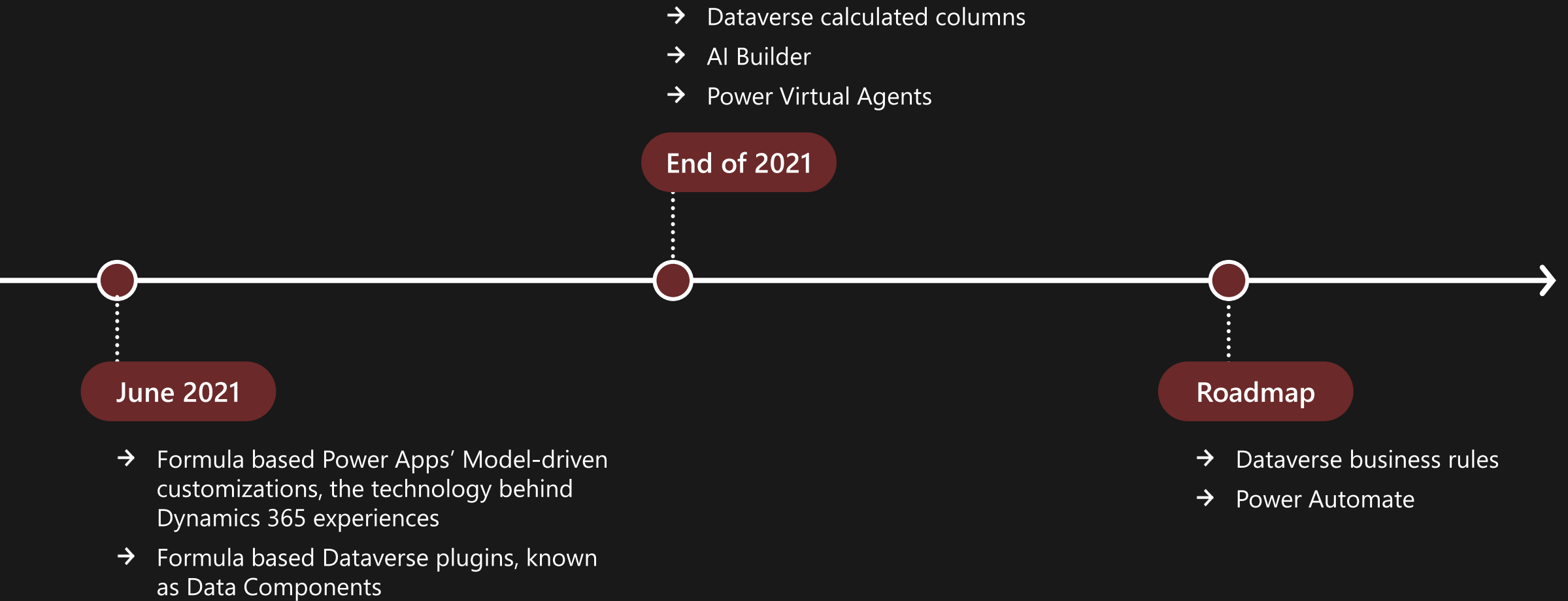
The low code computer language for logic customization across the Power Platform



- An open-source language that will be **available for everyone to use and implement.**
- Expressed in text, it's a low code language that **makers can work with directly.**
- Reduce barriers for getting started with a language that **leverages the knowledge of millions of excel users.**
- **Accelerate with the simplicity of formulas** and add code where it matters using favorite developer tools.

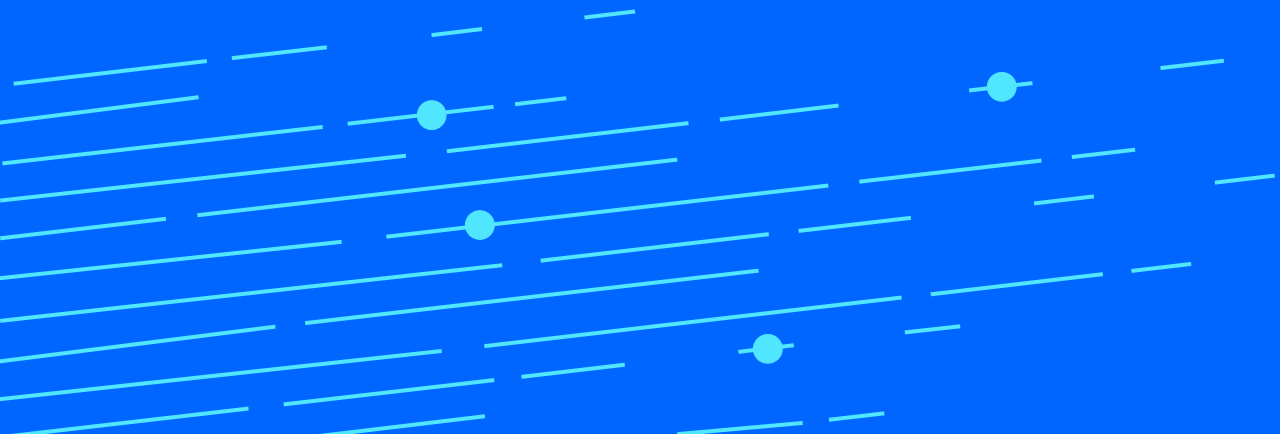


# Roadmap





# Democratizing RPA



# Microsoft Power Automate

Power Automate Desktop now available with Windows 10



Democratizing RPA  
in Windows 10



# Microsoft Power Automate

## Microsoft named a Leader in The Forrester Wave™: Robotic Process Automation, Q1 2021



### Single, cloud-based automation platform:

Power Automate offers a single intelligent automation platform that makes automating everything from UI to API-based automation accessible in one single platform.



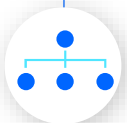
### Easy to start automating with RPA:

Low-code RPA makes it easy for anyone to get started and build their first automation, regardless of their technical experience.



### Seamless integration with cloud flows:

Access more than 400 built-in connectors through cloud flows to connect to first- and third-party apps and services along with more than 1,000 templates.



### Robust Artificial Intelligence:

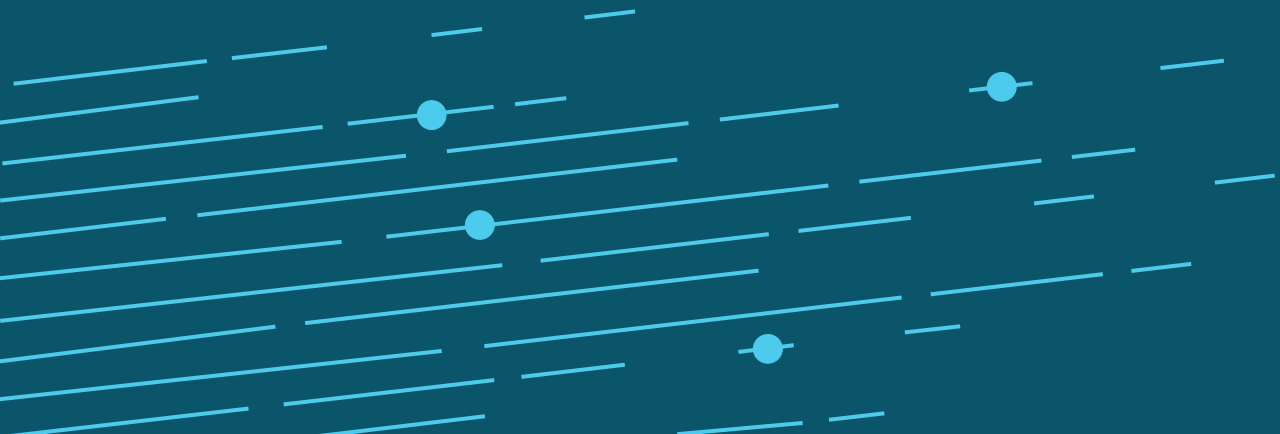
Build out robust AI solutions with the easy, intelligent automation configuration and training with AI Builder.

THE FORRESTER WAVE™  
Robotic Process Automation  
Q1 2021





New AI features help you to optimize your chatbots

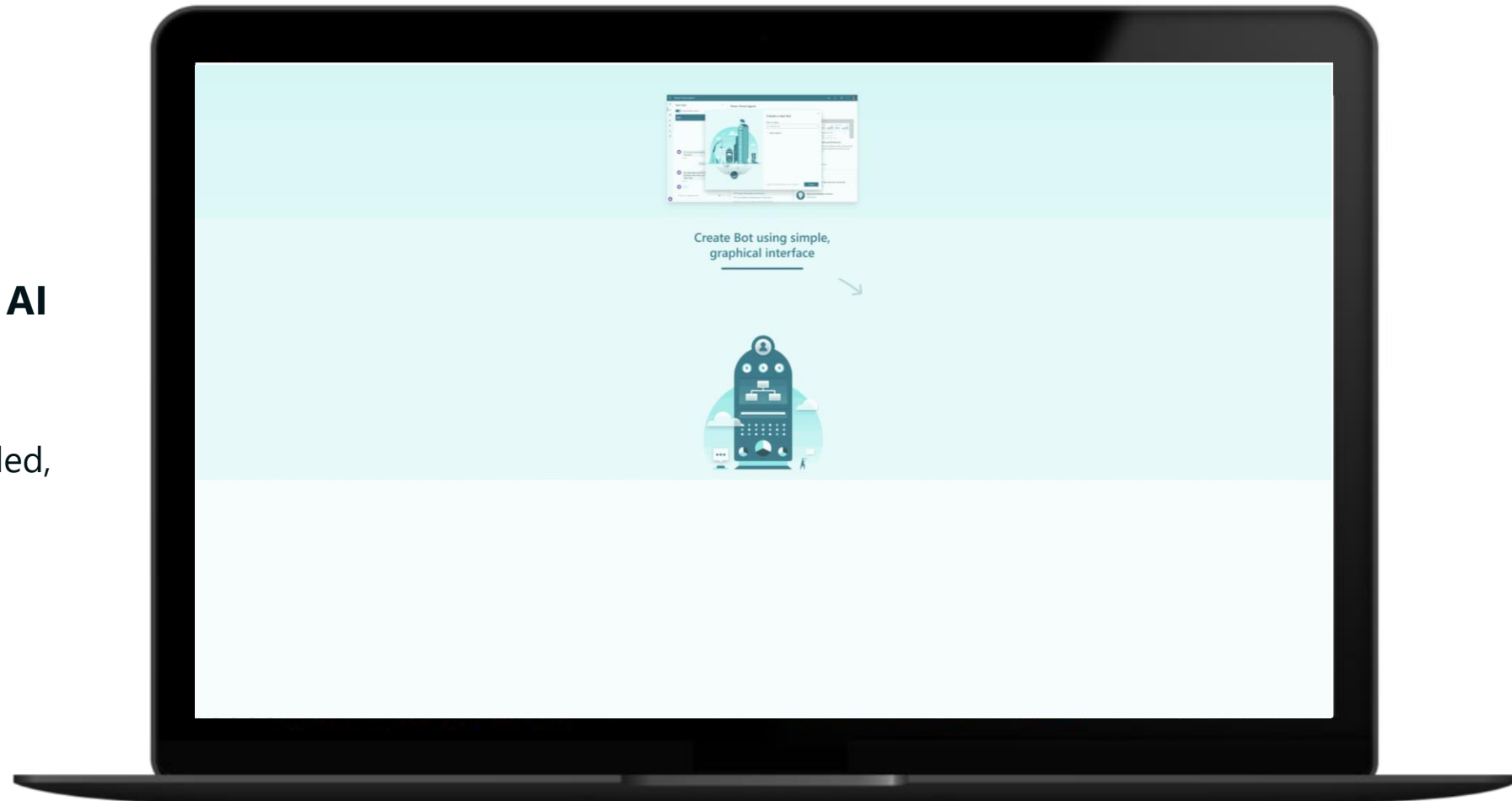


# AI in Power Virtual Agents

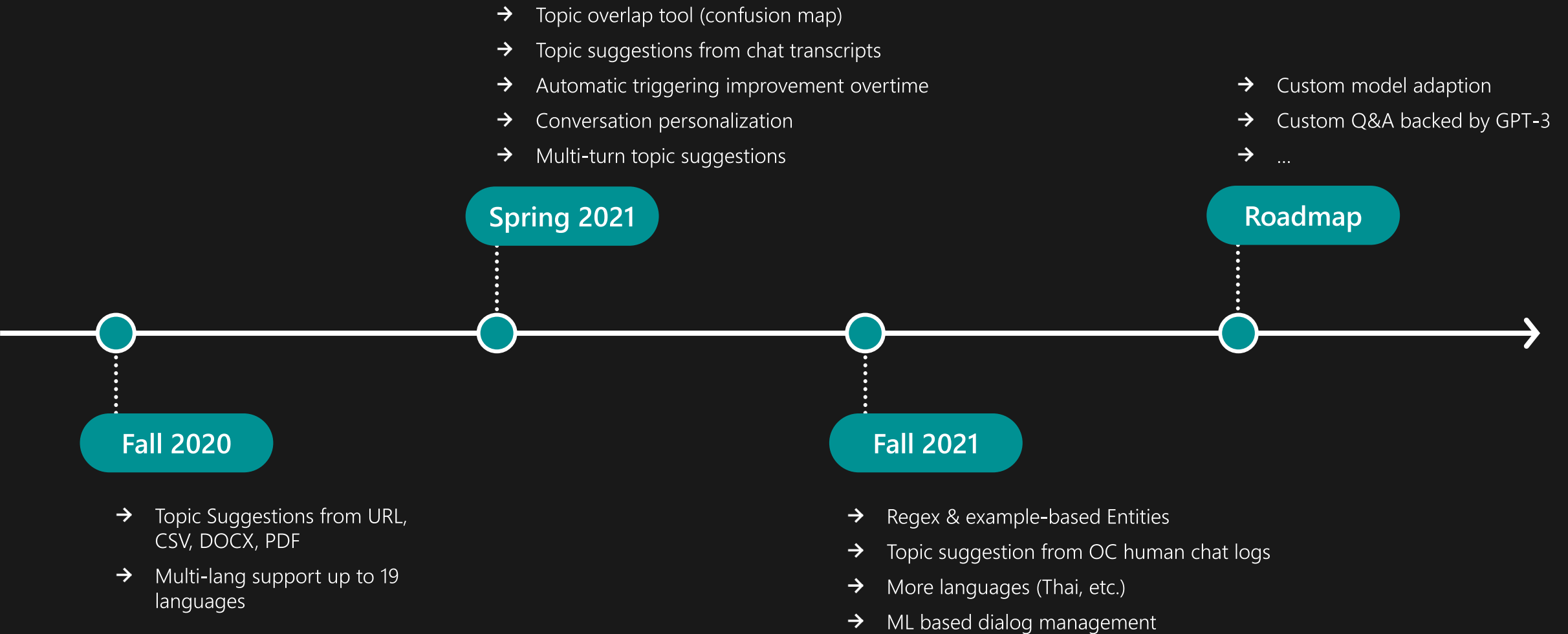
Infuse AI in each step of bot building journey help business users easily create and maintain bots

## Empowering everyone with AI

Empower everyone, from subject matter experts to developers, to create powerful bots using a guided, no-code graphical interface.



# Power Virtual Agents AI features Roadmap







# Enterprise BI for Everyone



# What does Premium Gen 2 mean?

Unified self-service analytics and enterprise BI for every user and organization



Flexibility to  
license by user



Faster  
processing



Automatically add  
capacity when needed



Consistent cost  
management  
capabilities

# Power BI Premium per user

Get industry-leading business intelligence at an incredible price



\$20

per user/month\*



Premium per user leverages the same blazing fast gen 2 architecture with performances increases up to 16x.



Power BI Premium per user provides direct purchase access to self-service BI and augmented analytics with flexible licensing.



Premium per user includes paginated reports, AI, deployment pipelines and other capabilities only available in Premium.

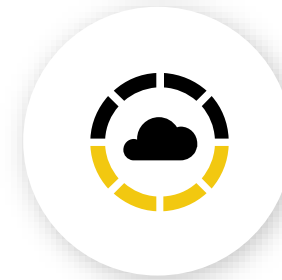
*\*Also available as \$10 add-on to Power BI Pro*

# Power BI Premium: per user or per capacity?



## Power BI Premium per user

- \$20 per user/month\*
- License and commitment flexibility
- Enable < 500 people or support targeted deployments



## Power BI Premium per capacity

- Larger data sets / models
- Unlimited distribution
- Autoscale + enterprise governance features

*\*Also available as \$10 add-on to Power BI Pro*

# Introducing: Autoscale capacity add-on



Autoscale  
**Automatically** adds  
vCores to Premium  
capacity when needed





# Enhanced Manageability and Governance for IT Pros

# Tenant Reports: App and Flow Usage Reports

Coming soon

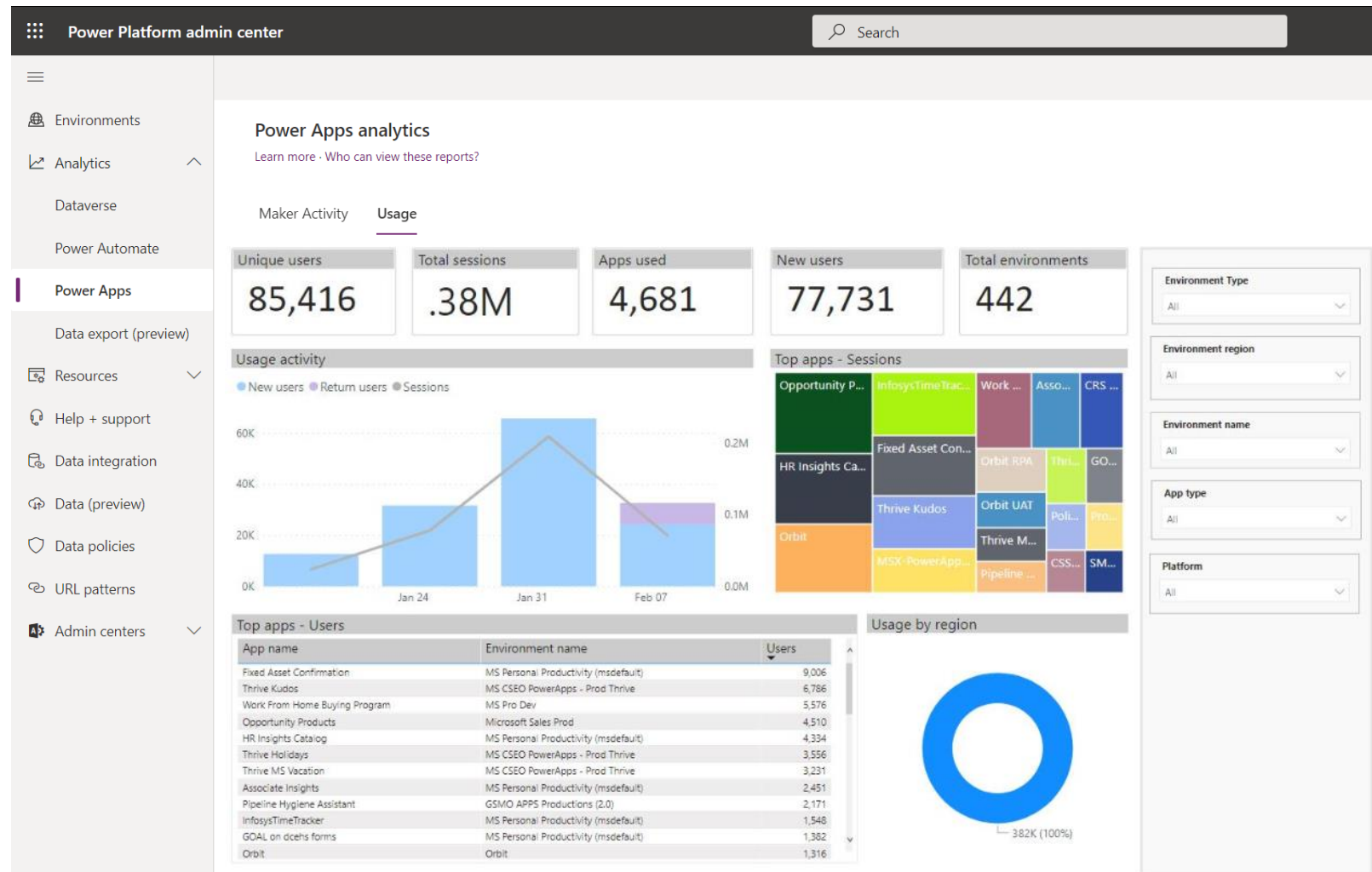
View unique user and total sessions trends for your tenant

View top apps for your tenant and as a heatmap

Drill down by environment type or individual environment

Filter by app type, region, connector name, device platform etc.

See the list view of most used apps along with their usage details and export as CSV



# Tenant Reports: App and Flow Maker Activity Reports

Coming soon

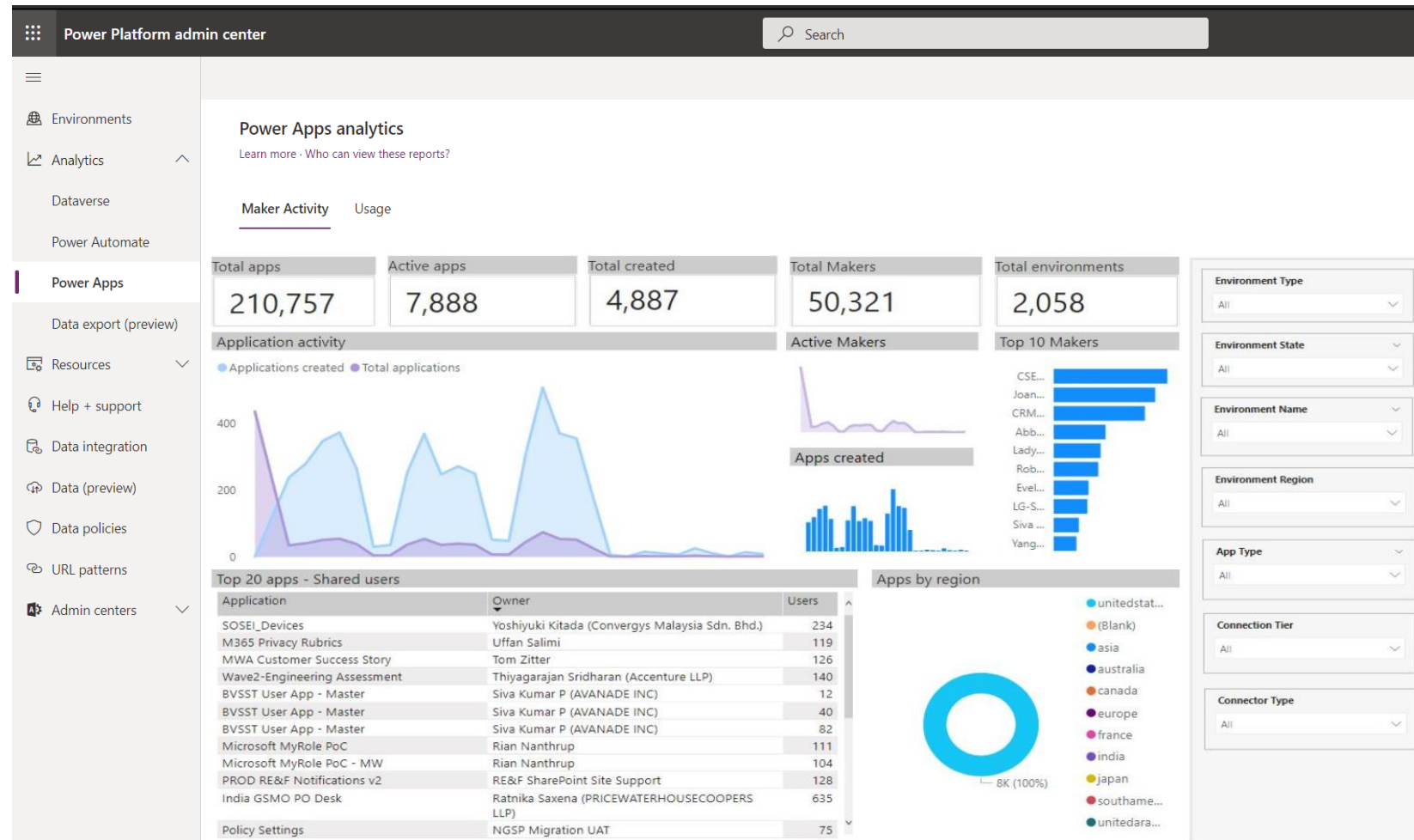
View new all and total apps trends for your tenant

View app maker trend for your tenant and identify top makers

Drill down by environment type or individual environment name.

Filter by app type, region, connector name etc.

See the list of most recently updated apps along with their sharing details and export as CSV





# Tenant Reports: App and Flow Inventory Reports

Coming soon

- View and download entire tenant inventory of apps with details
- Filter inventory using extensive filtering controls

Power Platform admin center						
Search						
Power Apps analytics						
Environment Type	Environment State	Environment Name	Environment Region	App Type	Connection Tier	Connector Type
All	All	All	All	All	All	All
Application inventory						
AppName	Type	Owner	Published	Environment Name	Connections	Groups Shared
					328	
(Demo) Training Engagement Tracking App	ClassicCanvasApp	Joshua Armant	Published	MS Personal Productivity (msdefault)	1	0
(DEMO-FMO) Budget Planning Tool	ClassicCanvasApp	Ketaki Nigade (AVANADE INC)	Published	MS Personal Productivity (msdefault)	9	3
(DEMO-FMO) Cross Charge Request	ClassicCanvasApp	Ketaki Nigade (AVANADE INC)	Published	MS Personal Productivity (msdefault)	2	3
(DEMO-FMO) Forecast Tool	ClassicCanvasApp	Ketaki Nigade (AVANADE INC)	Published	MS Personal Productivity (msdefault)	6	3
(DEMO-FMO) Open PO Accruals Tool	ClassicCanvasApp	Ketaki Nigade (AVANADE INC)	Published	MS Personal Productivity (msdefault)	5	3
(DEV) FMO Marketing RoC	ClassicCanvasApp	Ketaki Nigade (AVANADE INC)	Published	MS Personal Productivity (msdefault)	9	0
(DEV) FMO Marketing RoC	ClassicCanvasApp	Nainesh Kathrotia (AVANADE INC)	Published	FMO_BizApp_UAT	9	0
(DEV) FMO Marketing RoC Copy_NK	ClassicCanvasApp	Nainesh Kathrotia (AVANADE INC)	Published	MS Personal Productivity (msdefault)	6	0
(DEV) FMO Marketing RoC SM	ClassicCanvasApp	Sayali Mulik (AVANADE INC)	Published	MS Personal Productivity (msdefault)	9	0
(DEV) FMO Marketing RoC_Export	ClassicCanvasApp	Nainesh Kathrotia (AVANADE INC)	Published	MS Personal Productivity (msdefault)	9	0
(DEV) FMO Marketing RoC-NK	ClassicCanvasApp	Nainesh Kathrotia (AVANADE INC)	Published	MS Personal Productivity (msdefault)	3	0
(DEV) Platform Governance Tool	ClassicCanvasApp	Sayali Mulik (AVANADE INC)	Published	MS Personal Productivity (msdefault)	5	0
(DEV) Platform Governance Tool_NK Copy	ClassicCanvasApp	CSEO Power Platform Administrator	Published	MS Personal Productivity (msdefault)	5	0
(DEV) Platform Governance Tool-NK	ClassicCanvasApp	Sayali Mulik (AVANADE INC)	Published	MS Personal Productivity (msdefault)	3	0
(Dev)Issue and Enhancement Log	ClassicCanvasApp	Himadri Varshney (AVANADE INC)	Published	MS Personal Productivity (msdefault)	2	0
(Dev)Issue and Enhancement Log	ClassicCanvasApp	Rati Sethi (AVANADE INC)	Published	FMO_BizApp_UAT	3	0
(Dev)Issue and Enhancement Log Copy NK	ClassicCanvasApp	Nainesh Kathrotia (AVANADE INC)	Published	MS Personal Productivity (msdefault)	2	0
(DEV-CSEO) Engagement Requests	ClassicCanvasApp	Nandini Somani (AVANADE INC)	Published	MS Personal Productivity (msdefault)	1	0
(DEV-CSEO) Engagement Requests - Nandini	ClassicCanvasApp	Nandini Somani (AVANADE INC)	Published	MS Personal Productivity (msdefault)	1	0
(DEV-CSEO) Engagement Requests - NVDA	ClassicCanvasApp	Nandini Somani (AVANADE INC)	Published	MS Personal Productivity (msdefault)	1	0
(DEV-DT) POC	ClassicCanvasApp	Nandini Somani (AVANADE INC)	Published	MS Personal Productivity (msdefault)	1	0
(DEV-FMO) Budget Planning	ClassicCanvasApp	Ketaki Nigade (AVANADE INC)	Published	MS Personal Productivity (msdefault)	12	2
(DEV-FMO) Budget Planning Performance	ClassicCanvasApp	Rati Sethi (AVANADE INC)	Published	MS Personal Productivity (msdefault)	12	0
(DEV-FMO) Cross Charge Request	ClassicCanvasApp	Abhimanyu Dasarwar (AVANADE INC)	Published	MS Personal Productivity (msdefault)	3	2
Total apps	Active Apps	Apps created	Total Makers	Shared users	Total environments	Total connections
210,757	7,888	4,887	50,321	39,234	2,058	19,981

# Tenant Isolation for data exfiltration control

In private preview

1

Allows admins to govern cross tenant access for AAD based connections even if the end user has right credentials for data access

2

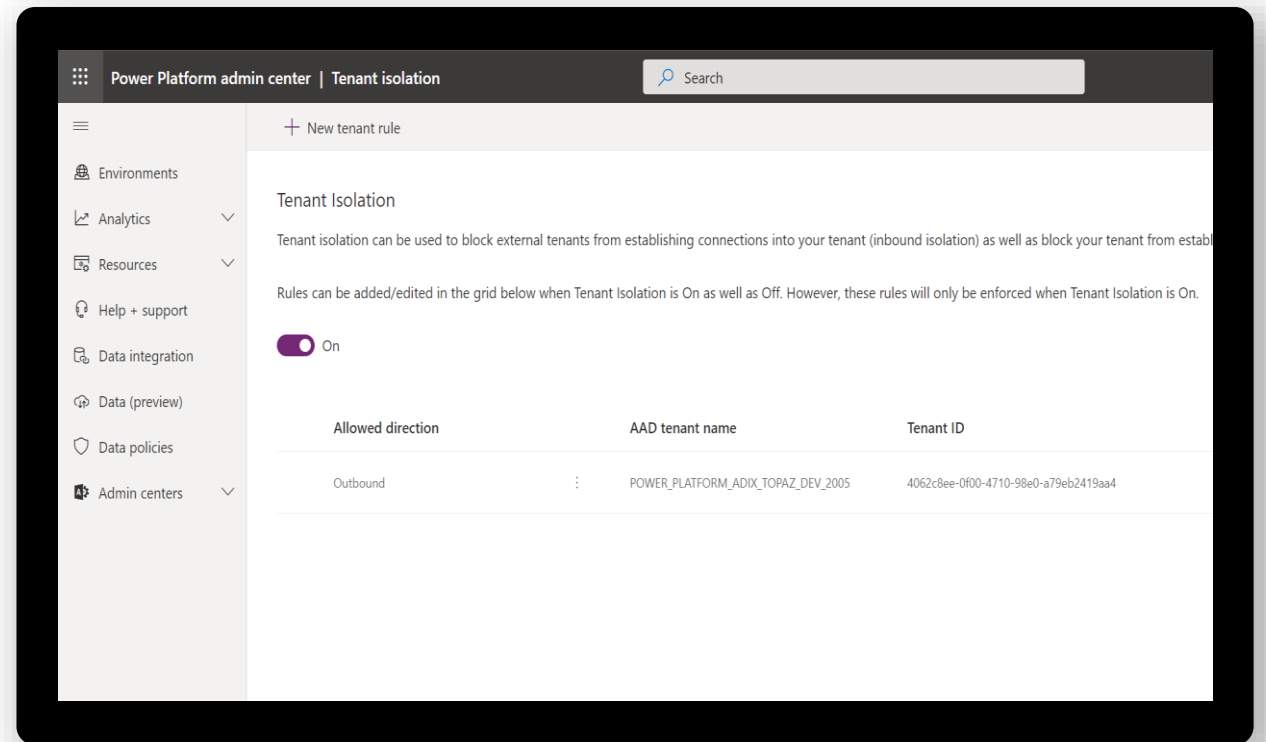
Allow list support for individual tenants in **inbound**, **outbound** or **both** directions.

3

Unique data exfiltration governance capability that can be scoped to Power Platform connections (only)

4

Do note that non-AAD based connectors do not fall in the purview of tenant-isolation constructs



# Connector Action Control

In private preview

Exercise fine-grained control on which **actions are allowed vs. blocked** for that connector using DLP.

For example, enable getting tweets from Twitter but block posting tweets to it.

Also, **define action default for new actions** that are introduced.

The screenshot displays the Power Platform admin center interface. On the left, the navigation pane shows 'Data policies' selected. The main area is titled 'DLP Policies > Edit Policy'. It shows a policy named 'customPattern(DoNotDelete)' with various settings like 'Prebuilt connectors', 'Custom connectors', 'Scope', 'Environments', and 'Review'. The 'Assign connectors' section shows 'Non-business (611) | Default' selected, with a list of connectors including Twitter. The 'Connector actions' panel on the right shows a table of actions for Twitter, with 'Allowed' status for each action. Below the table, 'Default connector action settings' are shown, with 'Allow new connector actions' selected.

Action	Allowed
Post a tweet	No
Retweet	No
Get followers	Yes
Get following	Yes
Get home timeline	Yes
Get my followers	Yes
Get my following	Yes
Get user	Yes
Get user timeline	Yes
Search tweets	Yes

Default connector action settings

☒ Allow new connector actions  
☐ Block new connector actions

Buttons: Back, Next, Save, Cancel

# Endpoint Filtering Control

In private preview

Express **connector endpoints as deny or allow lists (with pattern matching support)** to govern which specific endpoints will be allowed vs. blocked for tenant or environment level policies

This facility will initially be supported for key connectors such as **HTTP, SQL, Dataverse, SMTP, Azure Blob Storage**

More connectors will be added soon

The screenshot displays the Power Platform admin center interface. On the left, a sidebar shows navigation options: Policy name, Environments, Connectors, and Review. The main area is titled 'Data policies > New policy'. It features a section for 'Assign connectors' with a list of connectors and their blockable status. A 'Configure endpoints' dialog is open on the right, showing a table for SQL Server endpoints.

**Assign connectors**

Name	Blockable	Class
Act!	Yes	Star
Acumatica	Yes	Star
Name	Yes	Cus
Amazon Redshift	Yes	Star
Azure AD	No	Pre
Name	Yes	Cus
Azure Blob Storage	No	Pre
Azure Data Lake	No	Pre
SQL Server	No	Pre

**Configure endpoints**

Order	Action	SQL Server endpoint	Move up	Move down
1	Deny	https://somethingimportant.com		↓
2	Allow	https://apis.contoso.com	↑	↓
3	Deny	https://contoso.com	↑	↓
4	Deny	*	↑	

# Custom Connector Parity

In private preview

Set **DLP policies for Custom connectors using UI interface** in Admin Center to classify custom connectors as business, non-business or blocked at a tenant or environment level

**Classify custom connector host URL all up (with pattern matching support)** in the tenant level policies as against classifying every individual custom connector one-by-one

Power Platform admin center

Search

DLP Policies > Edit Policy

Policy name: customPattern(DoNotDelete)

Prebuilt connectors

Custom connectors

Scope

Environments

Review

Custom connector patterns

Create a list of rules to limit access to custom connectors in order of priority. Enter a full custom connector URL pattern, or use pattern matching with '\*'. [Learn more](#)

Order	Data group	Pattern	Move up	Move down
1	Non-business (Default)	test1		↓
2	Blocked	http://*	↑	↓
3	Business	https://apis.contoso.com	↑	↓
4	Non-business (Default)	https://contoso.sharepoint.com/publicsite	↑	
5	Blocked	*		

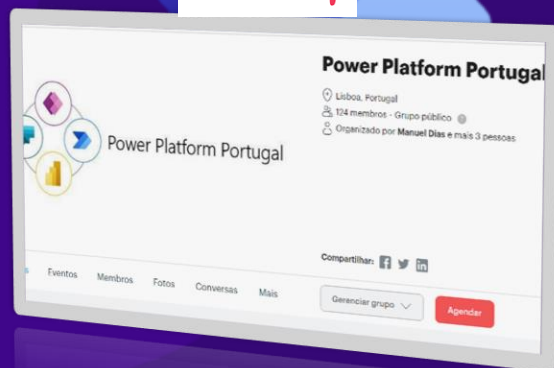


# Power Apps 101: The Journey Begins!

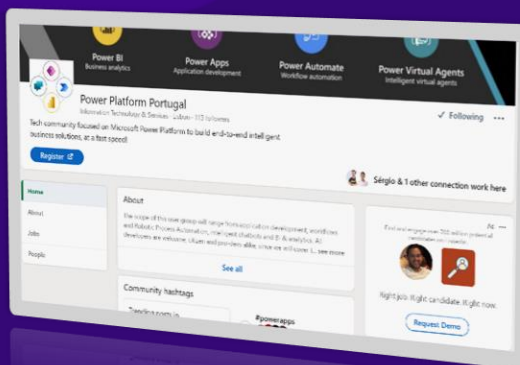




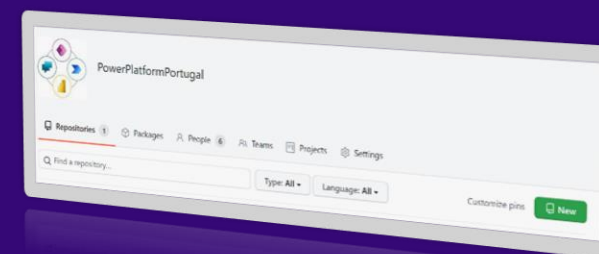
# OUR CHANNELS



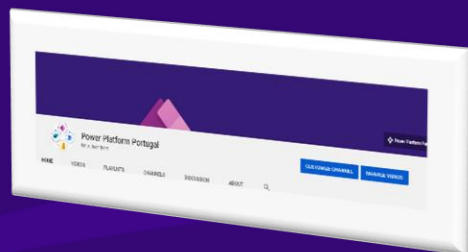
[https://www.meetup.com/power\\_platform\\_portugal](https://www.meetup.com/power_platform_portugal)



<https://www.linkedin.com/company/power-platform-portugal>  
#powerplatformportugal



<https://github.com/PowerPlatformPortugal/>



<https://www.youtube.com/channel/UCPwF01EfXvxeBaWykP-JWoA>



JOIN THE GROUP WITH THE INVITATION LINK:  
<https://tinyurl.com/3ywrj32w>



Power Platform Portugal

# SHARE YOUR FEEDBACK

Power Platform Portugal - Meetup -  
Evaluation / Feedback

Avaliação de meetup da comunidade Power Platform Portugal.

\* Required

1. Please select the Meetup \*

Select your answer

2. Qual o seu grau de satisfação com o Evento? \*

☆☆☆☆☆

3. É a primeira vez num meetup da comunidade? \*

☐ Sim

☐ Não, já assisti a pelo menos um evento no passado

☐ Não, já assisti a dois ou mais eventos no passado

4. Como obteve conhecimento da comunidade Power BI Portugal? \*

<https://tinyurl.com/4vscmcxo>