

Thank you sponsors



Great job organizers & supporters!



Will Power Automate
replace us?

Kateřina Saryčeva

- **Data Analyst**
Several DW in Finance sector
SQL Server/Oracle, Metadata driven ETL, Power BI
5+ years experience
- Born in Minsk, living in Prague
- Have no time to do office work



NESS Czech

[in www.linkedin.com/in/katerina-saryceva](https://www.linkedin.com/in/katerina-saryceva)

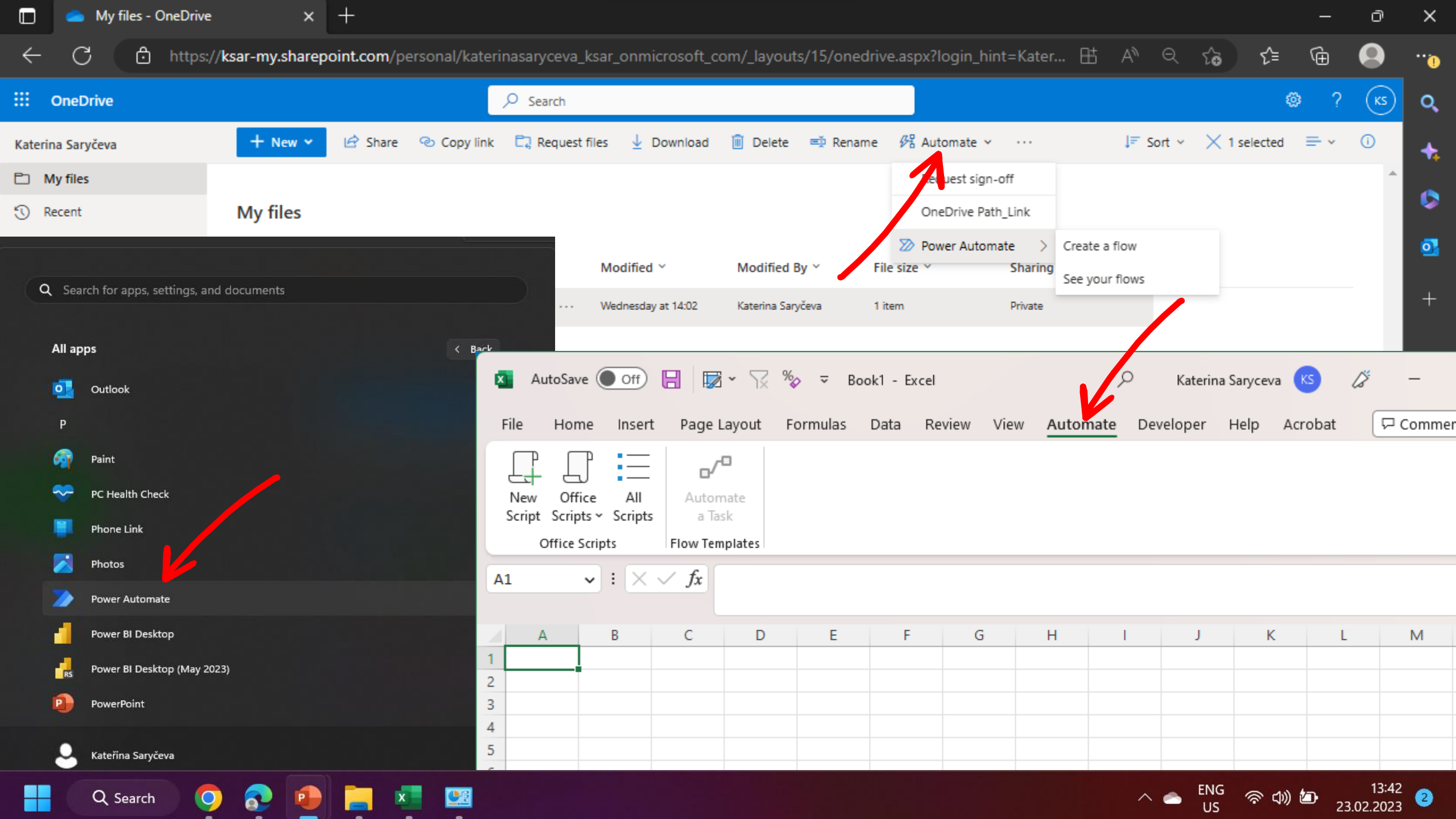
 Microsoft Certified Power BI Data Analyst and Power Automate Developer Associate

Agenda

1. What is Power Automate?
2. A workflow from scratch in Power Automate for web
3. Recommendations for beginners



What is Power Automate?



- Outlook
- Paint
- PC Health Check
- Phone Link
- Photos
- Power Automate**
- Power BI Desktop
- Power BI Desktop (May 2023)
- PowerPoint
- Kateřina Saryčeva

Request sign-off
OneDrive Path_Link
Power Automate > Create a flow
See your flows

Modified	Modified By	File size	Sharing
Wednesday at 14:02	Katerina Saryčeva	1 item	Private

New Script Office Scripts All Scripts Automate a Task

	A	B	C	D	E	F	G	H	I	J	K	L	M
1													
2													
3													
4													
5													



Microsoft Power Platform

The low code platform that spans Microsoft 365, Azure, Dynamics 365, and standalone apps.



Power BI
Business analytics



Power Apps
App development



Power Automate
Process automation



Power Virtual Agents
Intelligent virtual agents



Power Pages
External-facing websites



Data connectors



AI Builder



Dataverse



Microsoft Power Platform

Microsoft Power FX language



Power BI
Business analytics



Power Apps
App development



Power Automate
Process automation



Power Virtual Agents
Intelligent virtual agents



Power Pages
External-facing websites



Data connectors



AI Builder



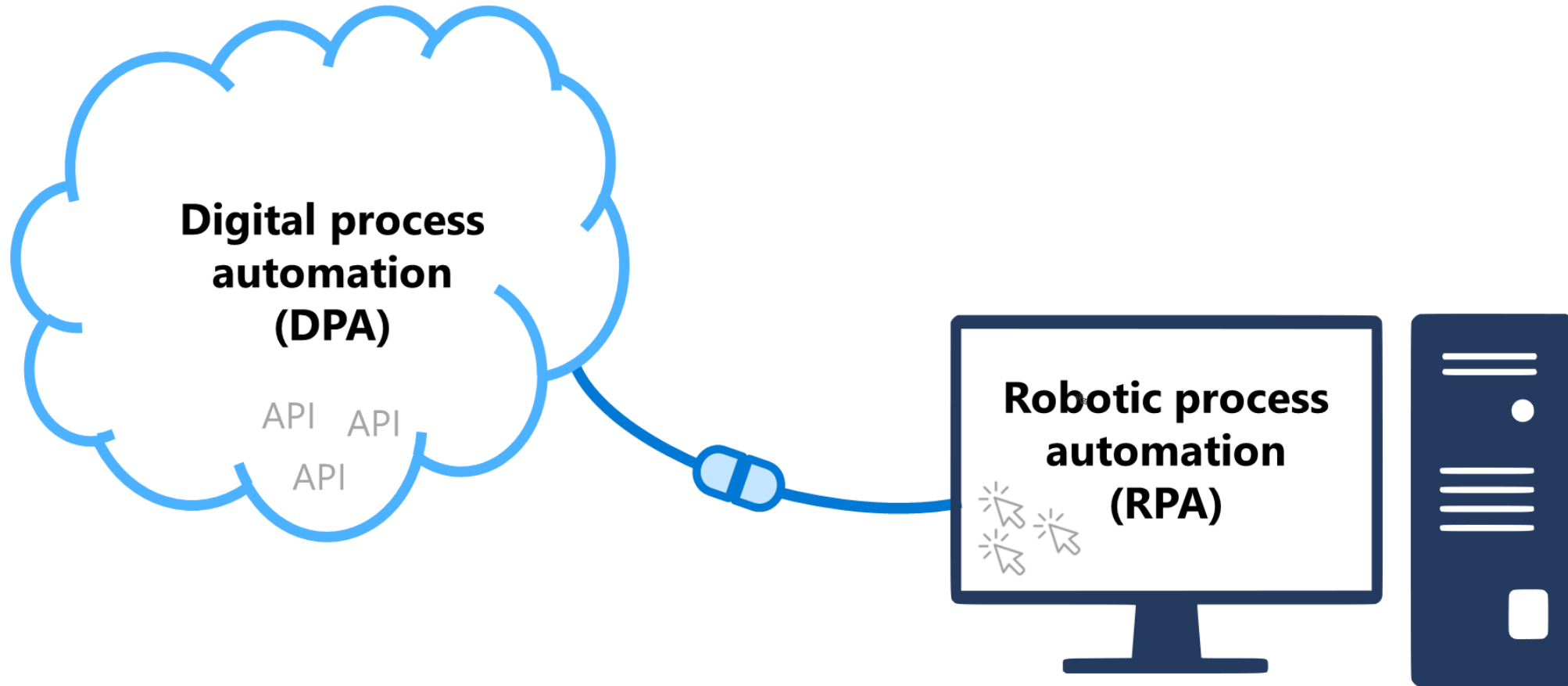
Dataverse



Microsoft Power Platform

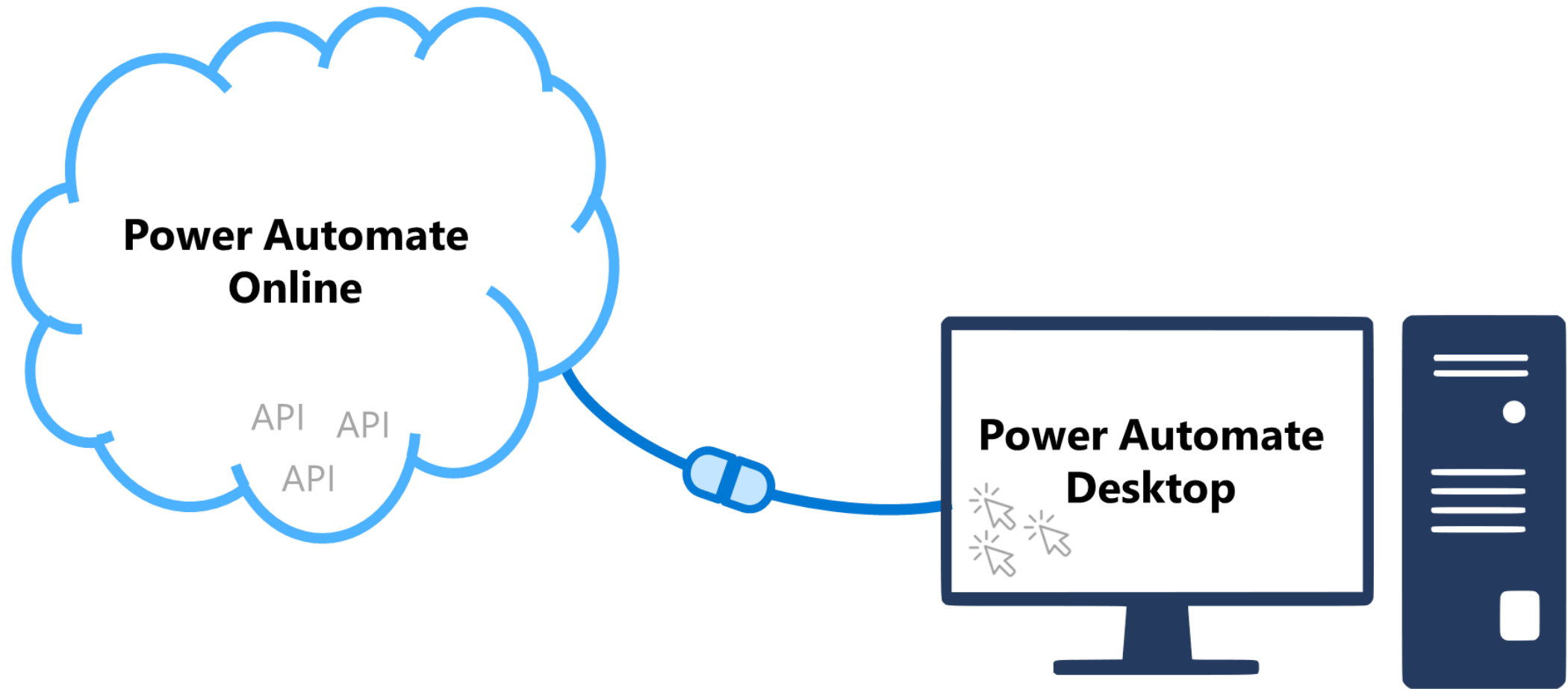


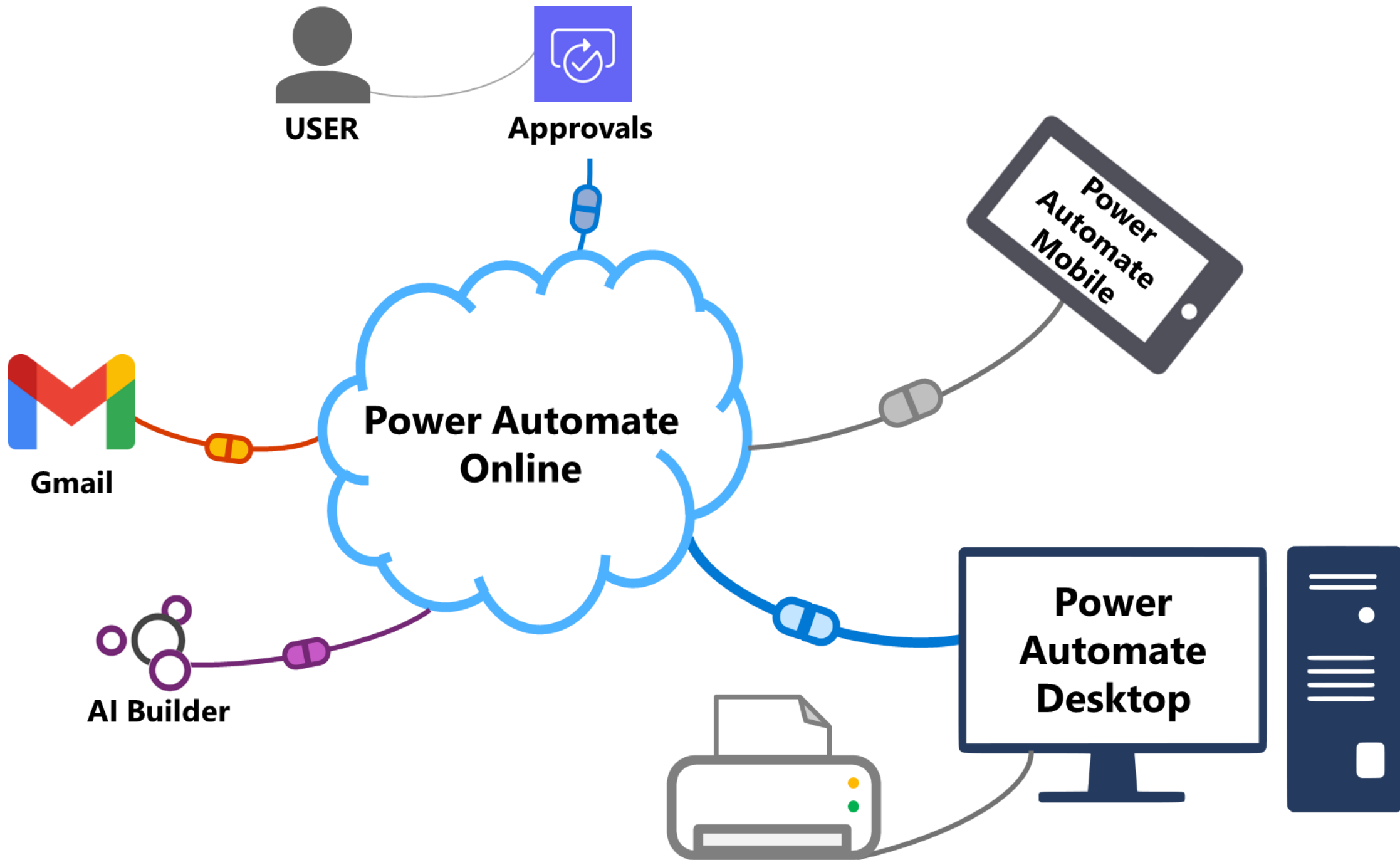
Types of process automation





Power Automate







Power Automate



Power Automate for web



Power Automate for MS Teams



Power Automate for desktop



Power Automate for mobile

Work less, do more

Welcome new team members

Undo Redo Comments Save Flow checker Test

When a new team member is added

Get user profile (V2)

Post message in a chat or channel

- * Post as: Flow bot
- * Post in: Channel
- * Team: TheTeam!
- * Channel: General
- * Message:

Hi everyone, please join me in welcoming **Display Name**, who will be joining as a **Job Title**, and will sit in **Office Location**. Please stop by to say hello.

Welcome **Given Name** !!

Send an email (V2)

- * To: Mail
- * Subject: Welcome to the team TheTeam!
- * Body:

Hi, **Given Name**

Now you have access to our team [TheTeam!](#) There are onboarding instructions in the folder [Welcome On Board](#).

Please reach out if you need any help to access documents or resources.

Best regards,
Katerina

Show advanced options

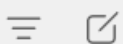
- Home
- Approvals
- My flows
- Create
- Templates
- Connectors
- Data
- Monitor
- AI Builder
- Process advisor
- Solutions
- Learn

Ask a chatbot




+ New step Save



Chat



Recent

- 
Jan TheColleague 9:14 PM
 How you doin'?
- 
Power Automate 10/5
 CreateReleaseEvents has loaded ...
- 
Katerina Saryceva (You) 10/2
 You: aaa



Power Automate Chat 5 more



Power Automate Sunday 7:21 PM

I can run any flow that's:

- triggered on a schedule
- manually triggered with no inputs

For the default environment, I can run:
1 : Timesheet_D-1

Sunday 7:21 PM
Describe flow 1



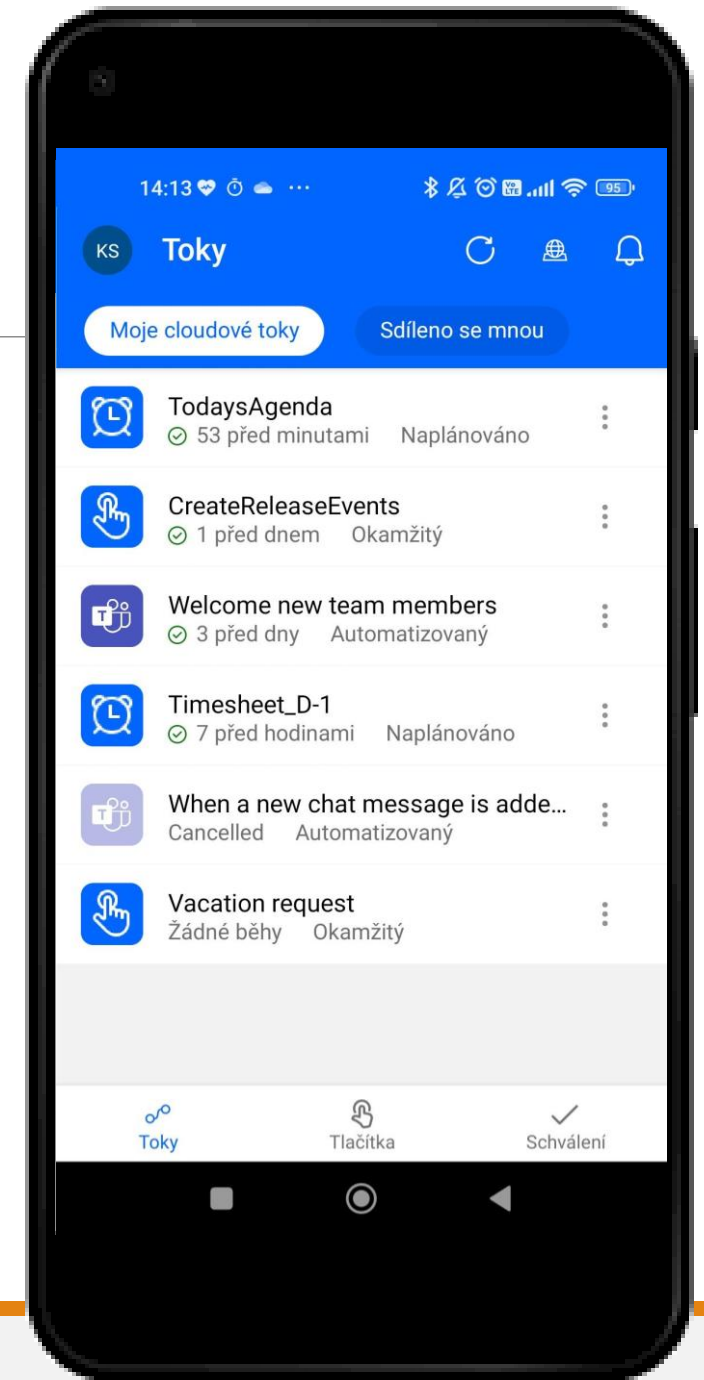
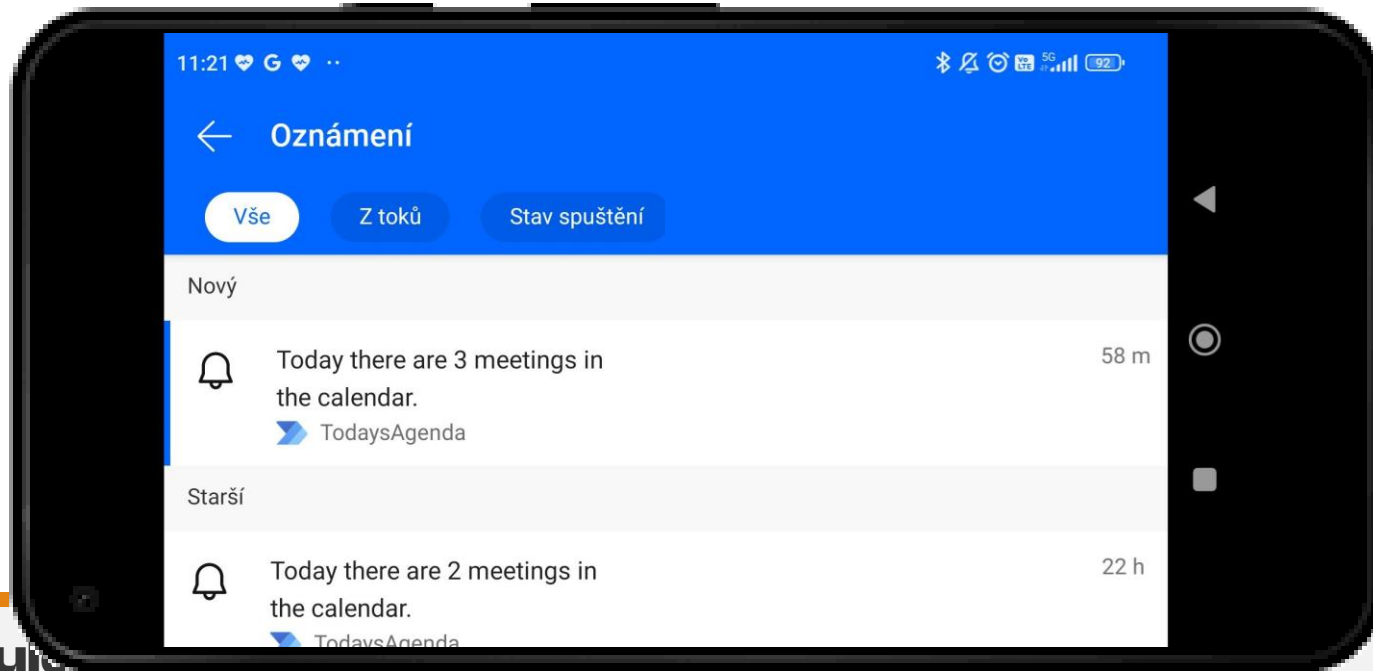
Power Automate Sunday 7:21 PM

The description for flow "Timesheet_D-1" is : Runs every day at 06:00 and loads Outlook events for the previous day to an Excel table. Events are filtered: only "Busy" and "Free" types are processed. Workflow requires a table named tTimesheet. Workflow requires an OfficeScript in Excel to clear table filters..

Type a new message



Power Automate for mobile



Actions

Search actions

- > Variables
- > Conditionals
- > Loops
- > Flow control
- > Run flow
- > System
- > Workstation
 - Print document
 - Get default printer
 - Set default printer
 - Show desktop
 - Lock workstation
 - Play sound
 - Empty recycle bin
 - Take screenshot
 - Control screen sav...
 - Get screen resolut...
 - Set screen resoluti...
 - Log off user
 - Shutdown compu...
- > Scripting

Subflows **Main**

1 The 'Display input dialog' action prompts you to enter the address of the website you want to launch.

2 **Display input dialog**
 Display input dialog with message 'Please provide the website address to launch..' in the notification popup window with title 'Website address' and store the user's input into **URL** and button pressed into **ButtonPressed**

3 The following 'If' action checks whether the 'Cancel' button was pressed in the input dialog. If not, the flow launches the specified web page.

4 **If** **ButtonPressed** <> 'Cancel' **then**

5 The 'Launch new Microsoft Edge' action launches the specified web page in a maximized window.
 Please note that the Power Automate browser extension is...

6 **Launch new Microsoft Edge**
 Launch Microsoft Edge, navigate to **URL** and store the instance into **Browser**

7 **End**

Variables

Search variables

Input / output variables **0**

There aren't any input or output variables here yet

Flow variables **3**

- Browser**
- ButtonPressed**
- URL**

Tools

Online

[Power Automate](#)

[Power Automate for MS Teams](#)

[Power Automate Mobile App](#)

[Process Mining](#)

[Business process flows in Power Apps](#)

Local computer

[Power Automate Desktop](#)

[Power Automate machine-runtime](#)

[On-premises Gateway](#)

Use cases

Office applications

- Bulk create Google Calendar events
- Conditional reminders in Teams

Approvals

- Vacation requests
- Expense approval

Get data from any API

- Obtain a Chuck Norris joke in a Teams message

Web scraping




Repetitive tests

PowerPlatform integration



Flow types

Cloud flows

-  Instant flows are triggered manually
-  Scheduled flows run in pre-defined frequency
-  Automated flows are triggered by some event

Desktop flows

-  A flow in your PC – can be attended x unattended

Business process flows

-  Guides the user in a complex process



Licensing

- Power Platform Licensing Guide ([5 pages](#))
- Free licence
- Standalone licenses
 - Premium: per user/month
 - Process: per bot/month
- Add-ons
 - Unattended RPA, Hosted RPA
 - Process Mining
 - Per flow
- Limited capabilities are included within
 - Windows, Office/Microsoft 365, Power Apps, Dynamics 365

Check out your current license

Microsoft 365 Business Standard

My licenses

-  Power Automate for Office 365
-  Power Automate Free

Capabilities

- ✓ Standard connectors
- ✗ Premium connectors
- ✗ Custom connectors
- ✗ On-premise connectors
- ✗ Robotic process automation (RPA) - attended
- ✗ Robotic process automation (RPA) - unattended
- ✓ Business process flows
- ✗ AI Builder
- ✗ Process advisor

Questions?

- Power Automate is a member of the Microsoft Power Platform
- It is about saving your time and integration
- There are 4 applications:
Web, MS Teams, Desktop and Mobile
- It can connect to non-Microsoft applications
- You probably have a Power Automate licence

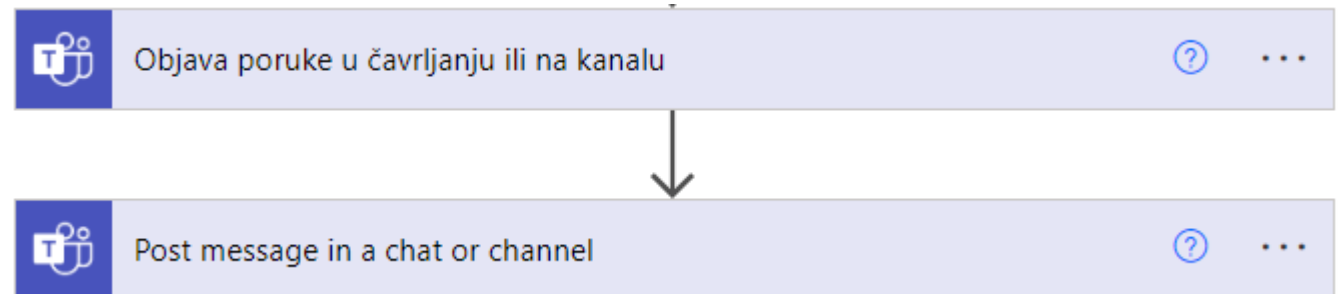
The use case

Load my Google Calendar events to Excel



Recommendations for beginners

- Use Power Automate for automation, other applications for what they do
- When searching on internet, check the tutorial's date
- Change your language to English
- Search for a relevant template
- Rename your actions
- Try Experimental features



You might need some code!

Power Automate functions	<code>addDays(formatDateTime(utcNow(),'d'),-1)</code>
Odata filters	<code>Project eq '{@triggerBody()}'text'</code>
JSON basics	<pre>{ "Project": "MyProject", "JIRA": "MYP-100", "Assignee": "Happy Developer" }</pre>
Office Script	<pre>function main(workbook: ExcelScript.Workbook) { let myTable = workbook.getTable("tTimeshet"); let rowCount = myTable.getRowCount(); myTable.deleteRowsAt(0, rowCount); }</pre>

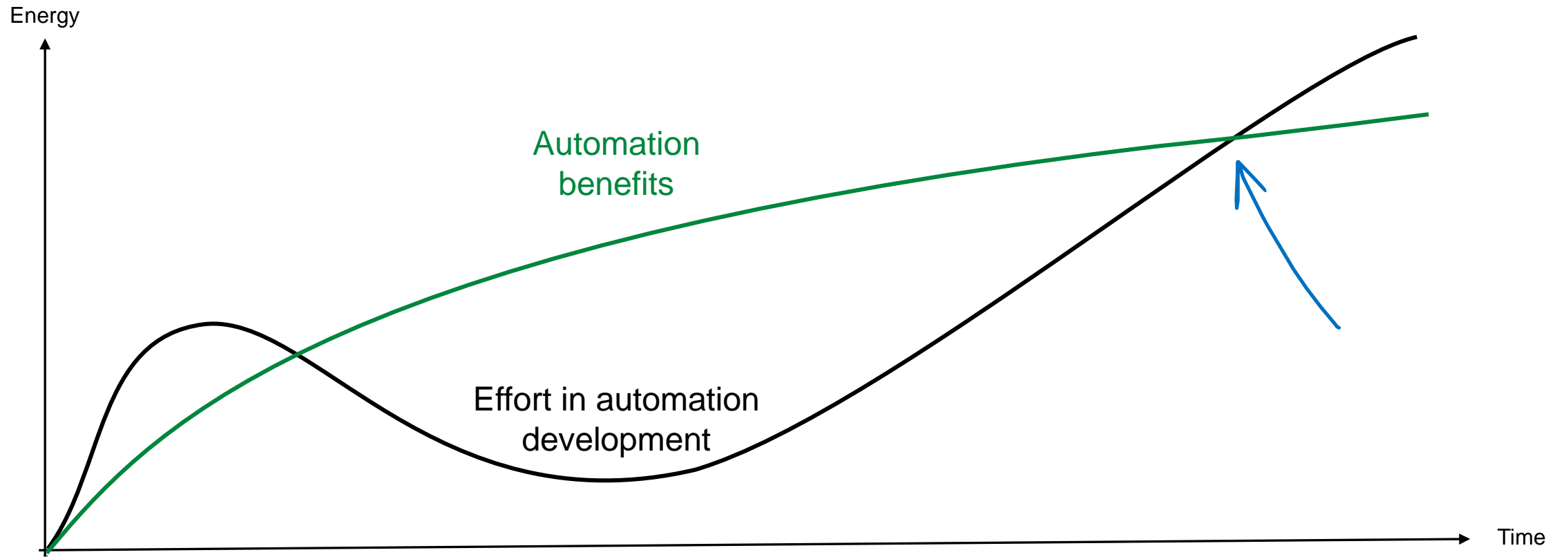
Questions?

- It is low-code
- A flow consists of a trigger and some actions
- Most of the actions use a connection within a connector
- You will need some code (functions, json...)
- Try Experimental features



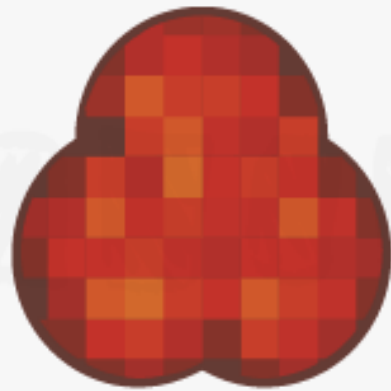
Will Power Automate
replace us?

Work less, do more



Power Automate...

- will save your time
- is easy to learn
- is available to everyone
- has a wide range of connectors
- is a Low-code solution



Thanks
for slowing down
and listening :-)

#bećarenje #kulendayz