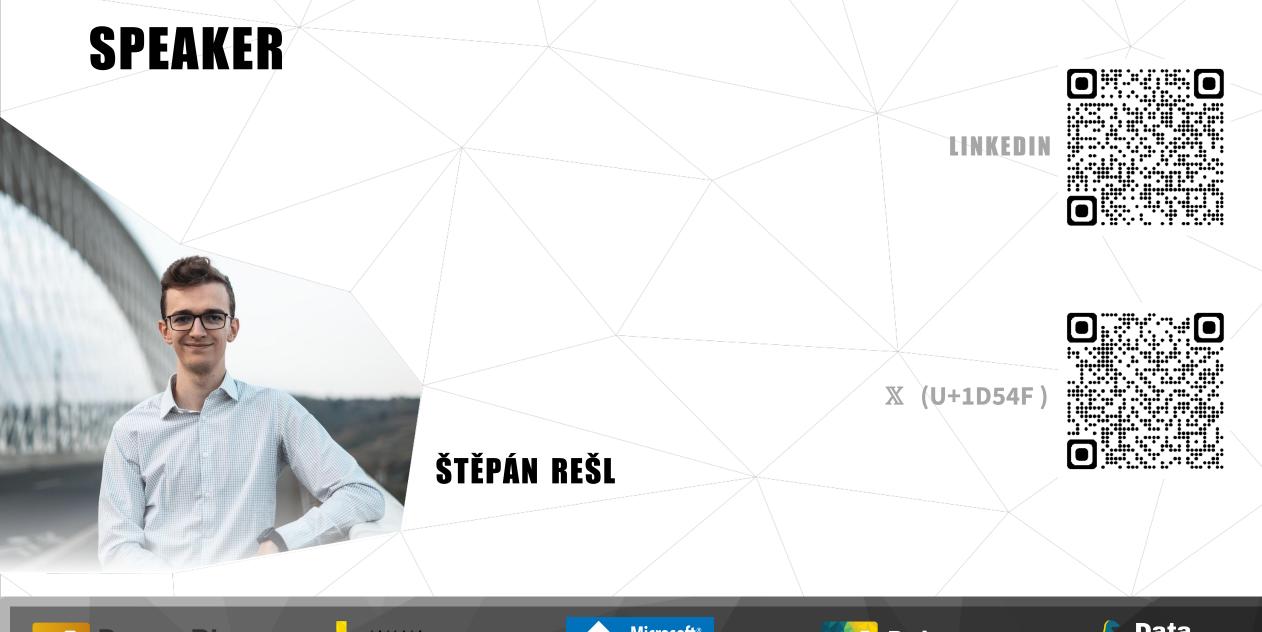
Release Hyde from Power BI API

"Make your data shine! Release them out!"







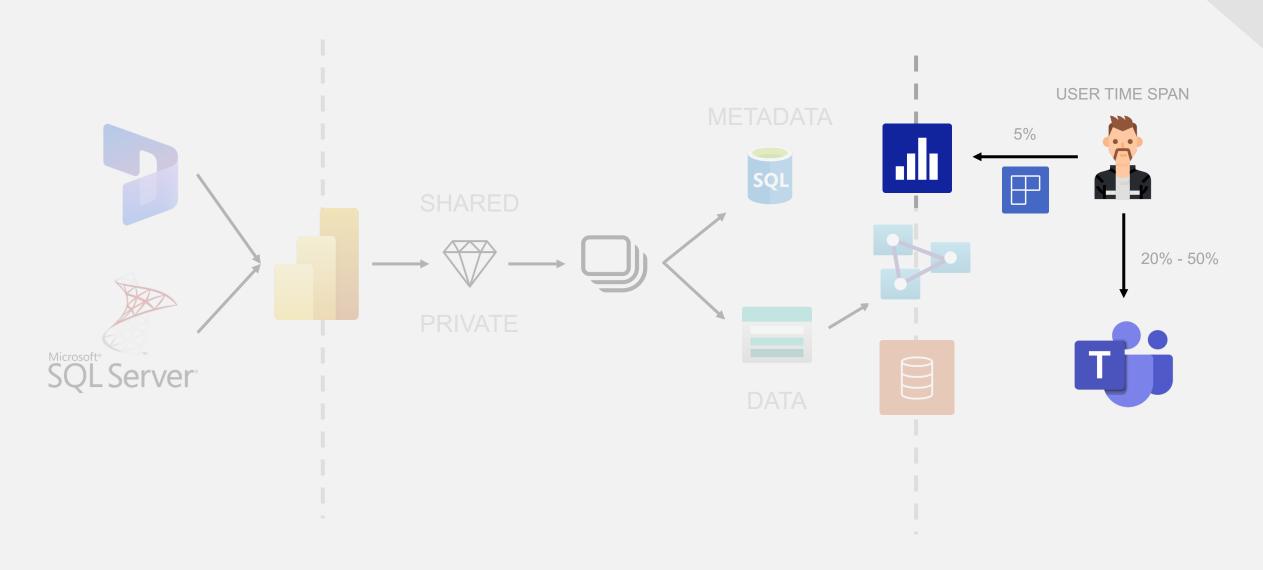






LET'S TEAR THE SYSTEM APART

This is the only way to understand the context and how to use it



WHAT USER SEES

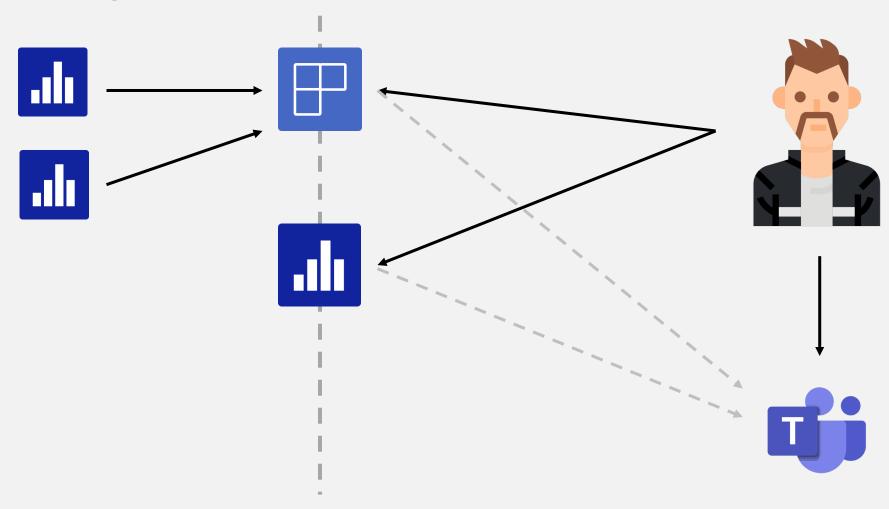
That's their perspective...

THIS IS A BLACK BOX

AND THIS IS REPORT

WHAT USER NEEDS TO SEE

Only possibilities that will give him the answers he's looking for. If possible, without context-switching



WHAT THE USER NEEDS

The one that will give him the answers he's looking for. If possible, without context-switching



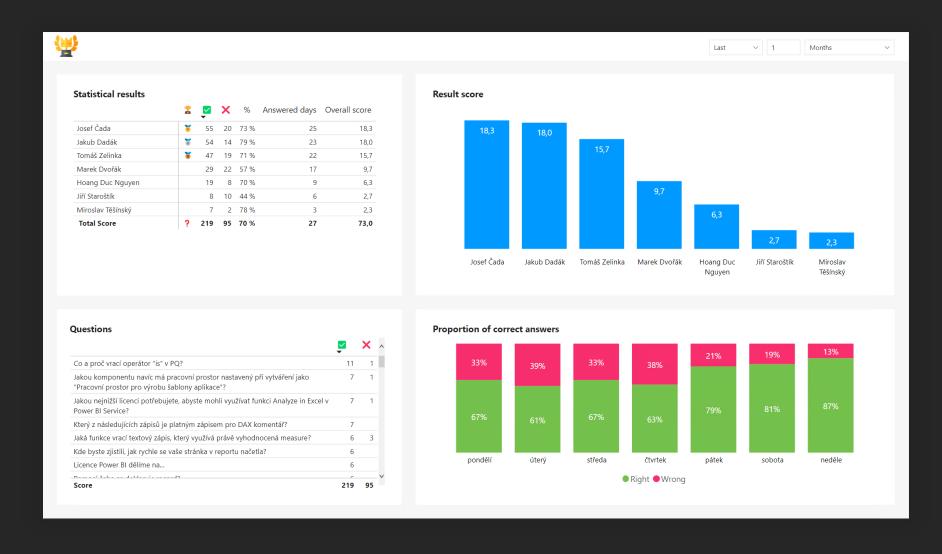
Information presented in a form that is quickly indigestible for the user becomes unpleasant for the user, and even if it has high benefits, it is very difficult to convince the user to use the means that communicate it.

YOU DON'T BELIEVE ME?



WHAT ABOUT SMALL TEST?

Would you come frequently to trashy reports like this to find out your position?

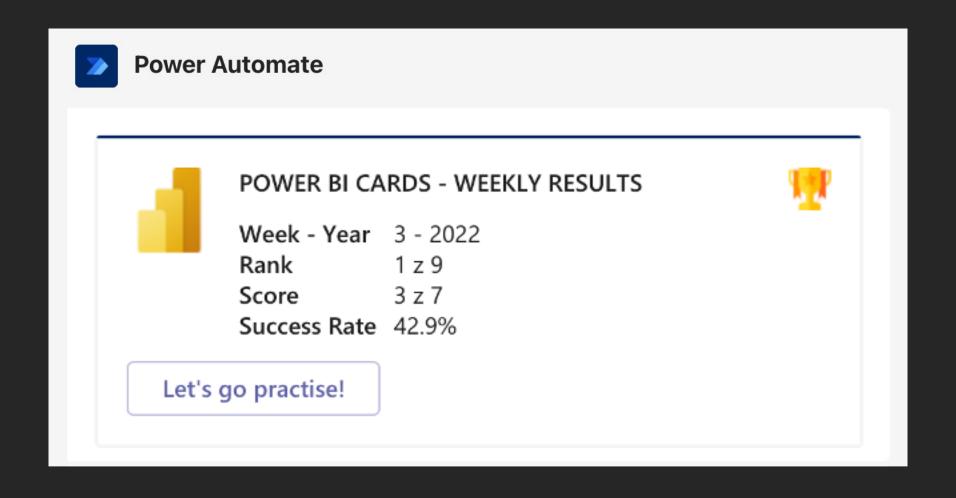




OF COURSE NOT! SO I WOULD BE STILL WITHOUT AN AUDIENCE

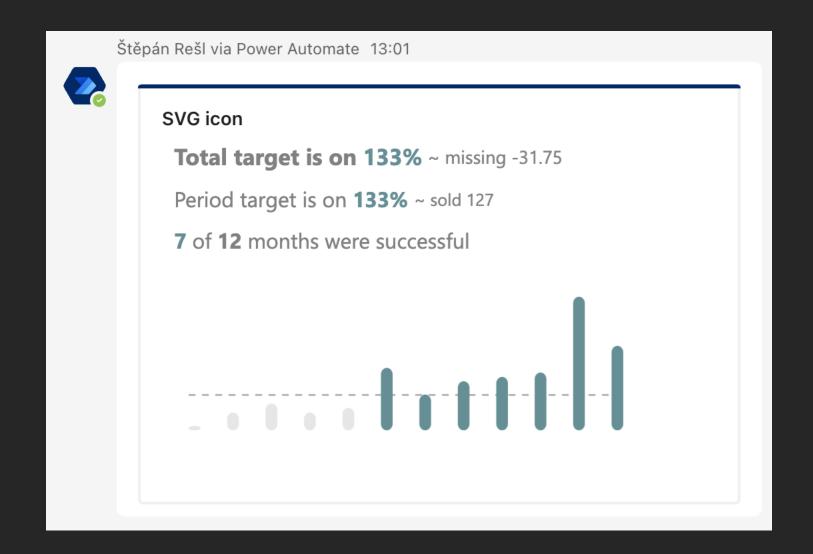
ONE CARD CAN SOLVES IT!

Only if a detail is needed will the user go to the report.



CARDS CAN HAVE MANY FORMS

And they are able to work with more complex objects as well



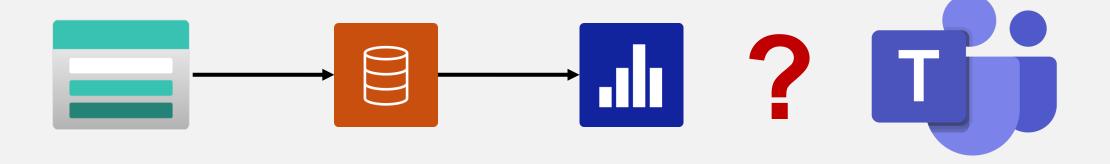
DO YOU GET IT?

Users need to be given what they need on a silver platter and not overburdened unless necessary.



STOP!!! CAN WE DO THAT???

Data are stored in dataset and that's it... or?





OF COURSE WE CAN!

You just need to use REST API.

I will give you a hint...

... EXECUTE QUERY ENDPOINT

EXECUTE QUERY ENDPOINT

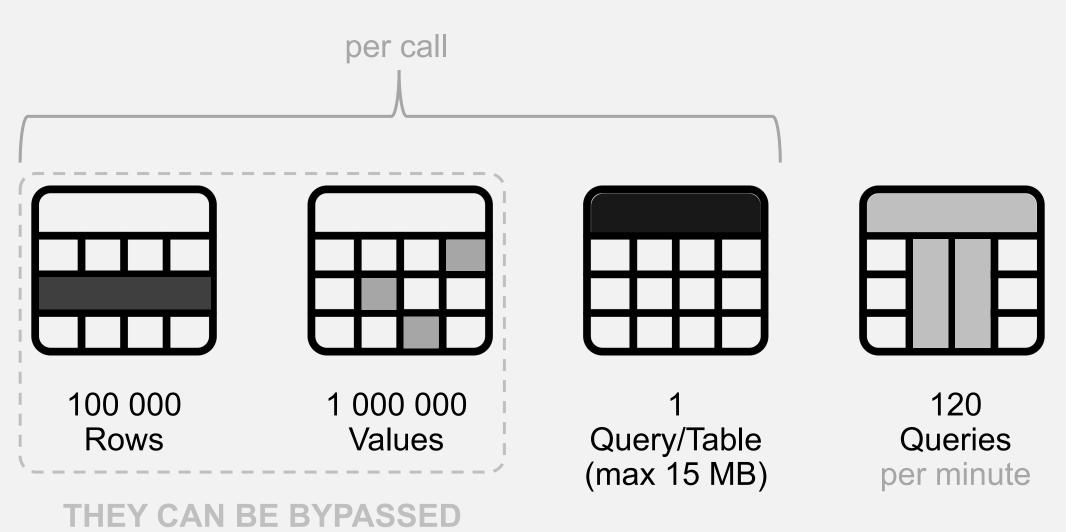
BASIC CAPABILITIES

What can this endpoint actually do?



LIMITATIONS

Some rules must be followed; otherwise, it cannot be used.



IS IT JUST FOR DATA EXPORT?

NO! It's just one of the possible uses.



Export Data



Testing Datasets



Automate Agenda By Data

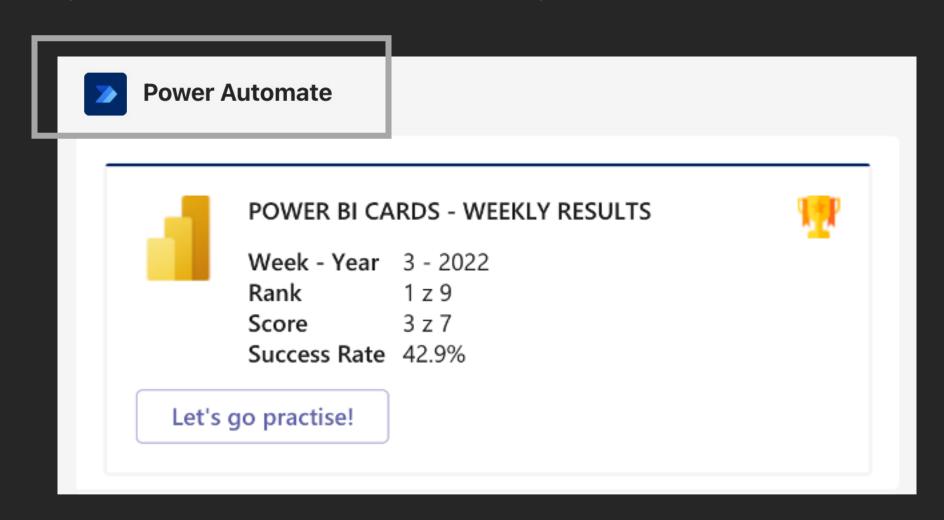
YOU ARE GETTING CLOSER!

BUT! FEW MORE STEPS...



DO YOU REMEMBER THIS???

I showed you a detail that will come in handy now!

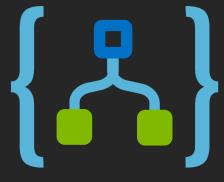


IT IS ALL WHAT YOU NEED!

Or anything else if you want to develop something more complex.



Power Automate

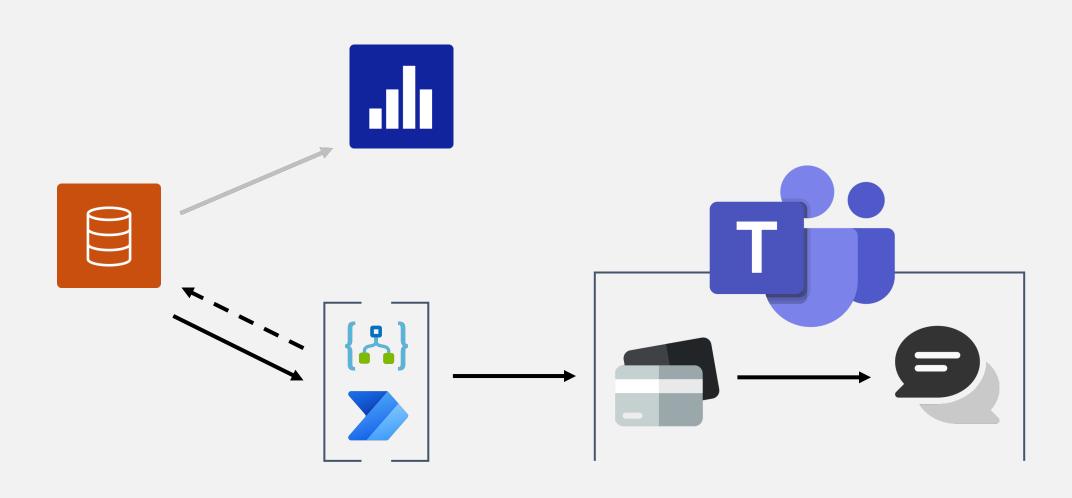


Logic Apps

SEND QUERY AGAINST DATASETS

THEY CAN REALLY HELP ME?

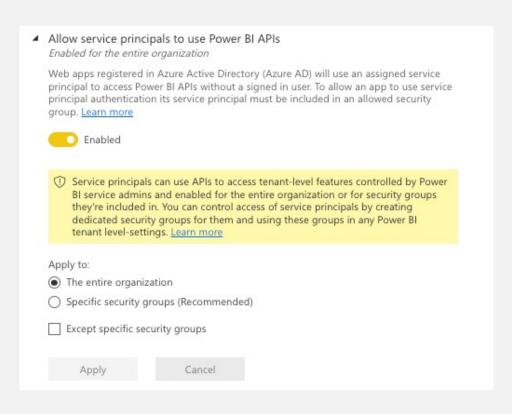
Yes! One more component that solves various problems. Even this.



Tenant Settings

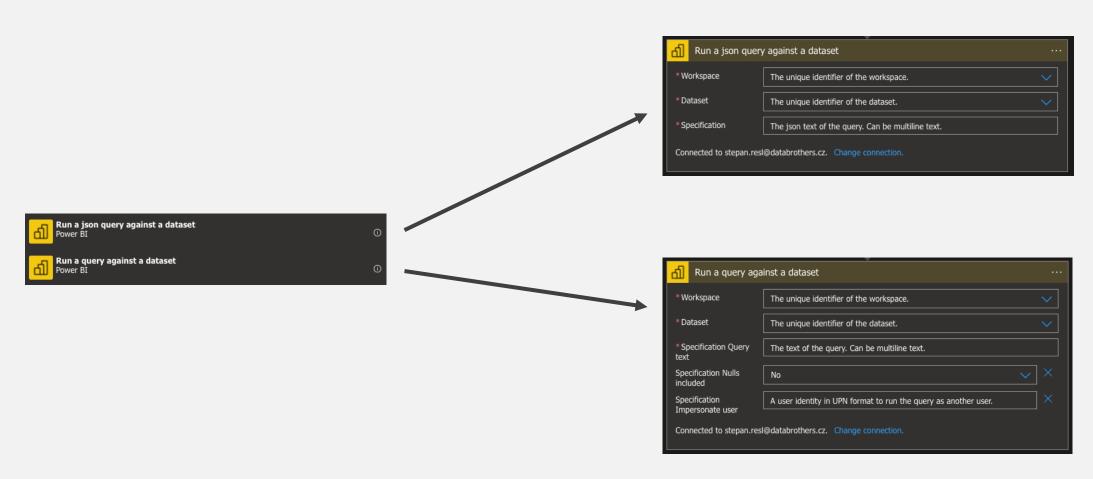
What needs to be set up to use this API.

■ Dataset Execute Que Enabled for the entire of		
Users in the organizatio through Power BI REST	n can query datasets by using Data Analysis Expressions (DAX) APIs.	
Enabled		
Apply to:		
 The entire organizat 	ion	
 Specific security gro 	ups	
Except specific secu	ity groups	
Apply	Cancel	
,,,		



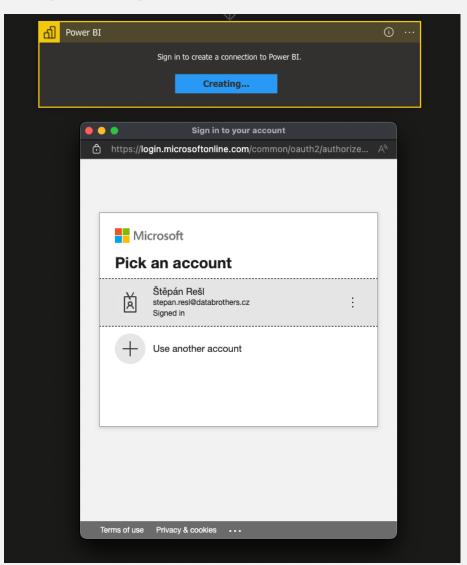
A better way to query this endpoint!

It is part of the licenses for tools of the O365 family



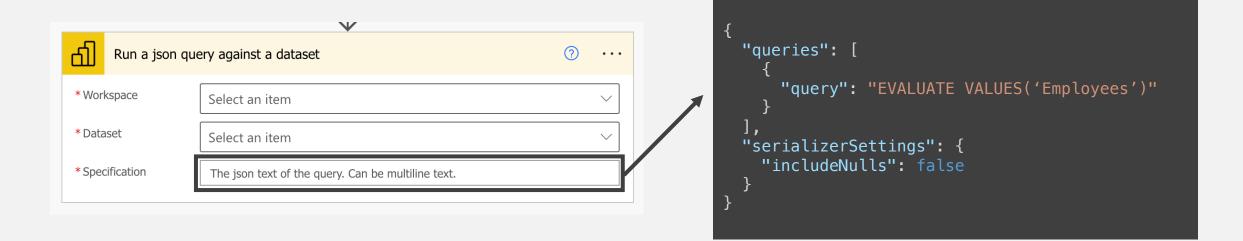
Simple login

A very straight forward way to log in as a user.



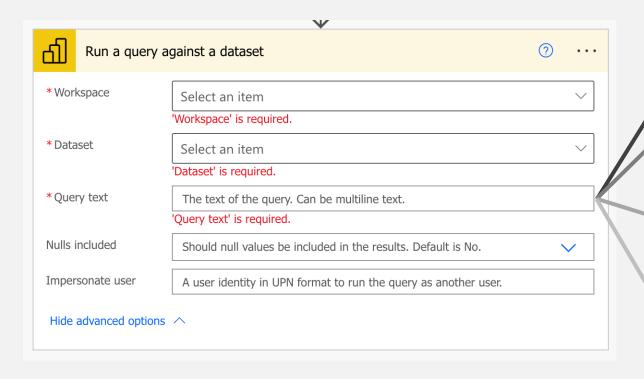
The first, more complicated option

It requires all internal requirements to be set directly in the transmitted body



Much simpler option

Just click on the options and complete the DAX query

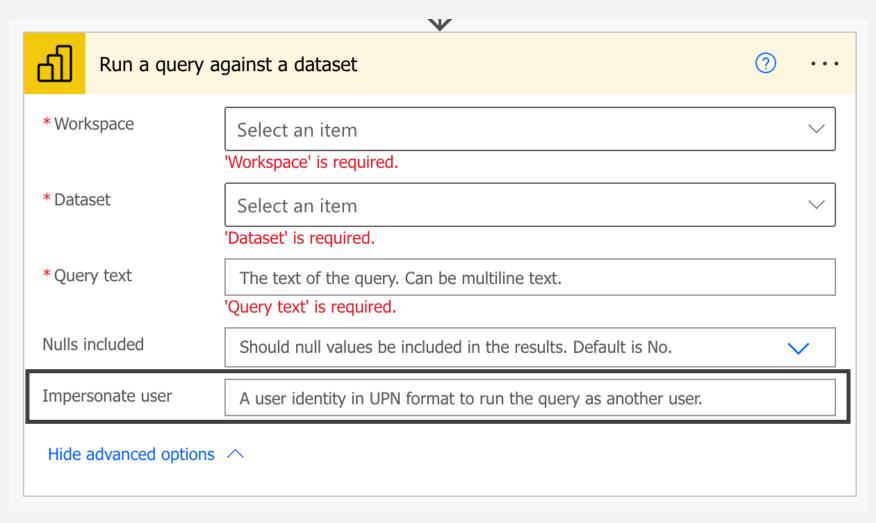


```
EVALUATE
     lastWeek
   EVALUATE
   ADDCOLUMNS (
                 lastWeek,
                  "@forename", RELATED ( 'Employees'[Forname] )
DEFINE
    VAR t =
        ADDCOLUMNS (
            SUMMARIZE ( 'Employees', [Forname] ),
            "@counter", CALCULATE ( COUNTROWS ( pbiCardResults )
    VAR sum =
       SUMX ( t, [@counter] )
EVALUATE
{ _sum }
```

```
EVALUATE
TOPNSKIP ( 2, 3, lastWeek, lastWeek[Index], ASC )
```

Including RSL

But watch out! It's not like you can impersonate someone else with READ rights. Only if you have WRITE rights





HA HA HA HA!!!

Let me tell you a little secret...
It works only for users. Not for Service Principals!

THAT'S NOT ALL!!!

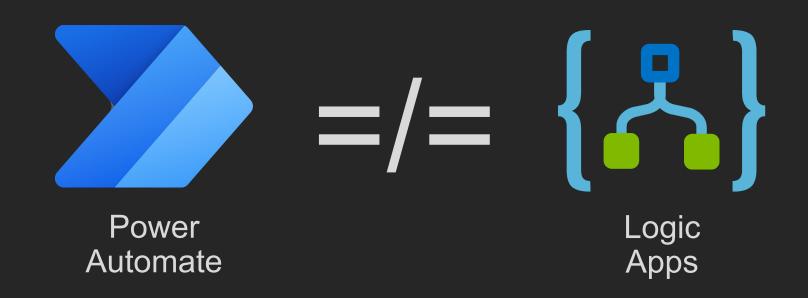


There are differences in the received results:

```
"Table[Person]": "HYDE IS HERE",
    "Table[AlterEgo]": "JEKYLL SLEEPS",
    "[EVENT]": "DATA-MOSHPIT",
    "[@PeopleAttending]": 10000
}
```

AND THERE IS ALSO DIFFERENCE

The primary difference is licensing and reliability...



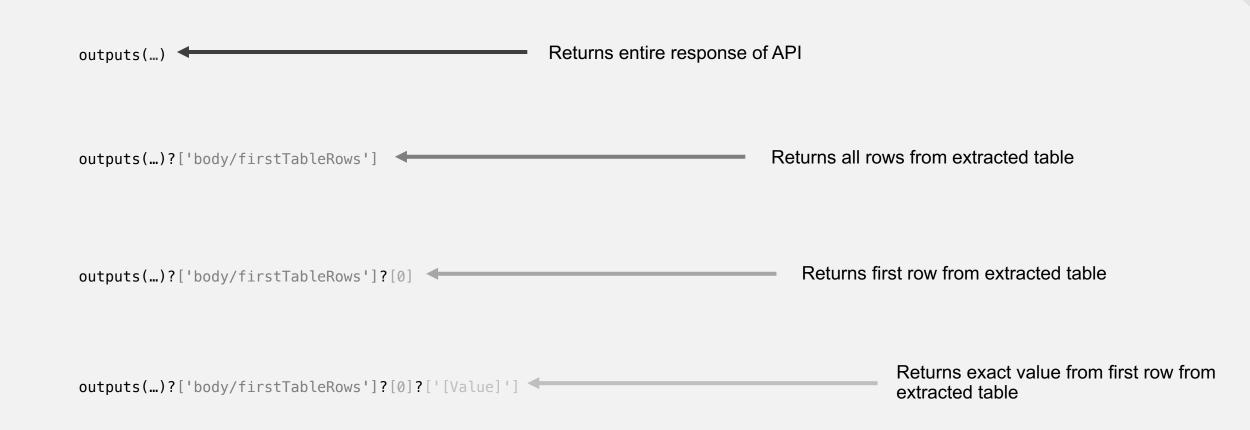
A typical issue with these tools

Every array needs to go to FOR-EACH loop



Prevention of these unnecessary loops

Simple instructions on how to get a specific type of answer



IT'S DEMO TIME!



