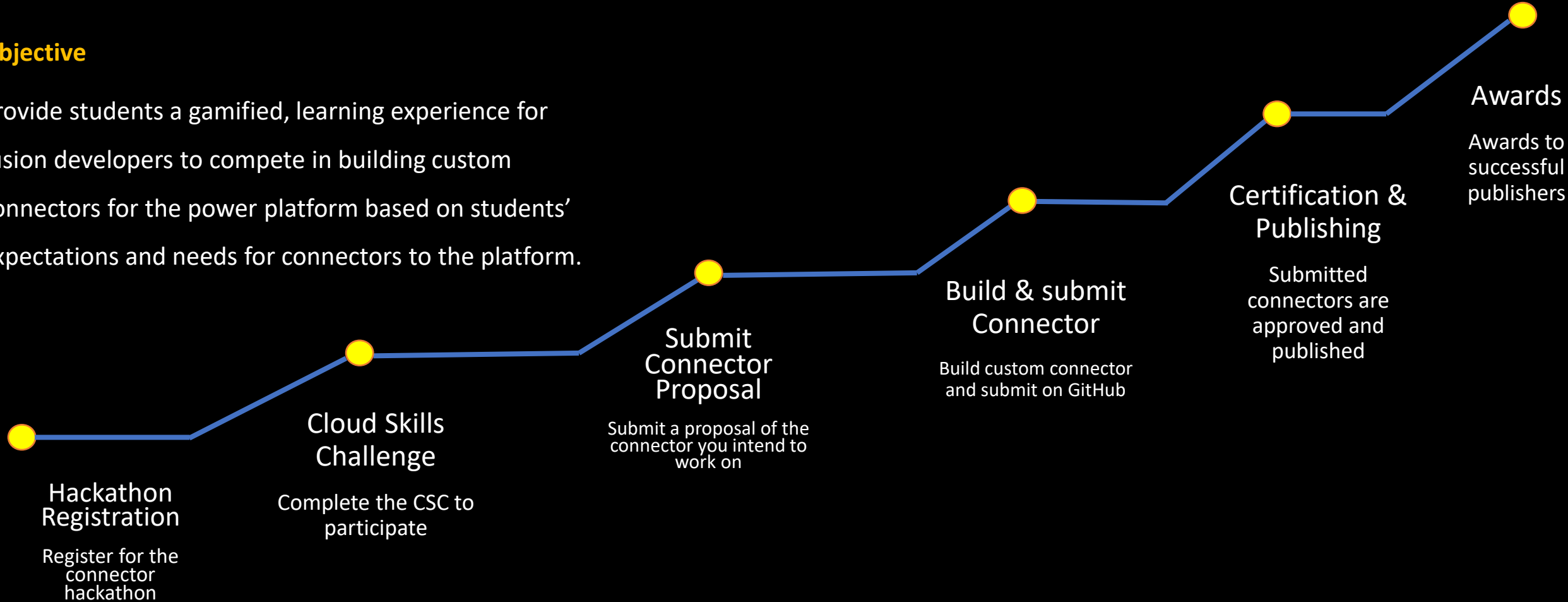


# Microsoft Connector Hackathon Pilot Program- #30DaysofFusion

## The Plan

### Objective

Provide students a gamified, learning experience for fusion developers to compete in building custom connectors for the power platform based on students' expectations and needs for connectors to the platform.





# Introductions

Meet the Team

# Microsoft Power platform



Power apps, build traditional apps



Power BI, business analytics, create dashboards



Power automate, automate your business flows



Power virtual agents.  
Intelligent virtual agents, bots and more

Where do I fit in as a code first developer?

# Empower everyone to do more



## Citizen developers

- Understand the business.
- Solve their own problems.



## IT professionals

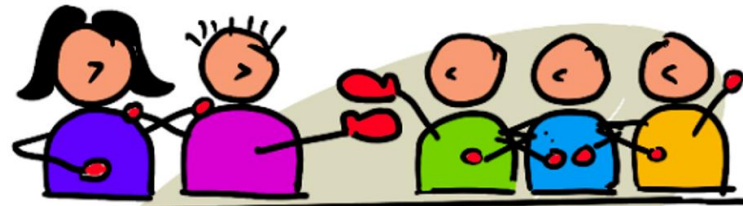
- Enable high productivity app development.
- Implement governance and compliance.



## Professional developers

- Reduce time to develop and deploy.
- Use code to unblock complex requirements.

# FUSION TEAM DEVELOPMENT PROCESS



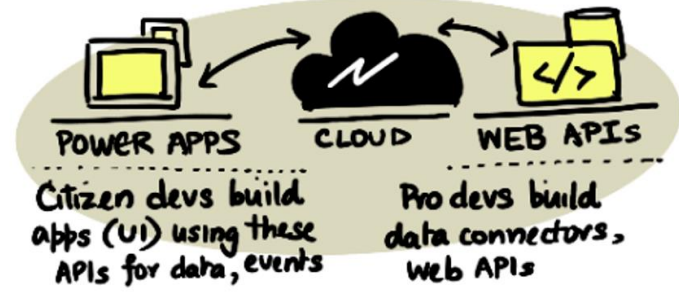
IT/PRO DEVS + CITIZEN DEVS

WORK TOGETHER TO CREATE APPS THAT SOLVE BUSINESS NEEDS



POWER APPS IS A LOW CODE DEV APPROACH ALL !! CAN USE

- ✓ FOCUS ON YOUR AREA OF EXPERTISE OR COMFORT
- ✓ ASK FOR HELP WHERE YOU NEED IT (data)
- ✓ REPLACE OR ITERATE LEGACY APPS (fast)



6

# Fusion team, roles and responsibilities

1

Code first developer builds APIs

2

APIs can be made into Connectors

3

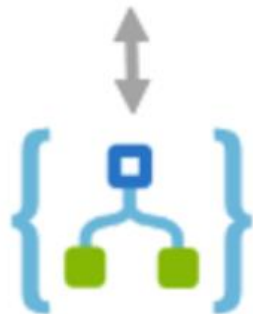
Connectors can be made into Drag n drop low code components and used by citizen developers



Custom connectors



App or flow



Logic app

# What is a Connector?

Connector wraps an API

Connector can be consumed by many services

Power apps

Power automate/flow

Logic apps

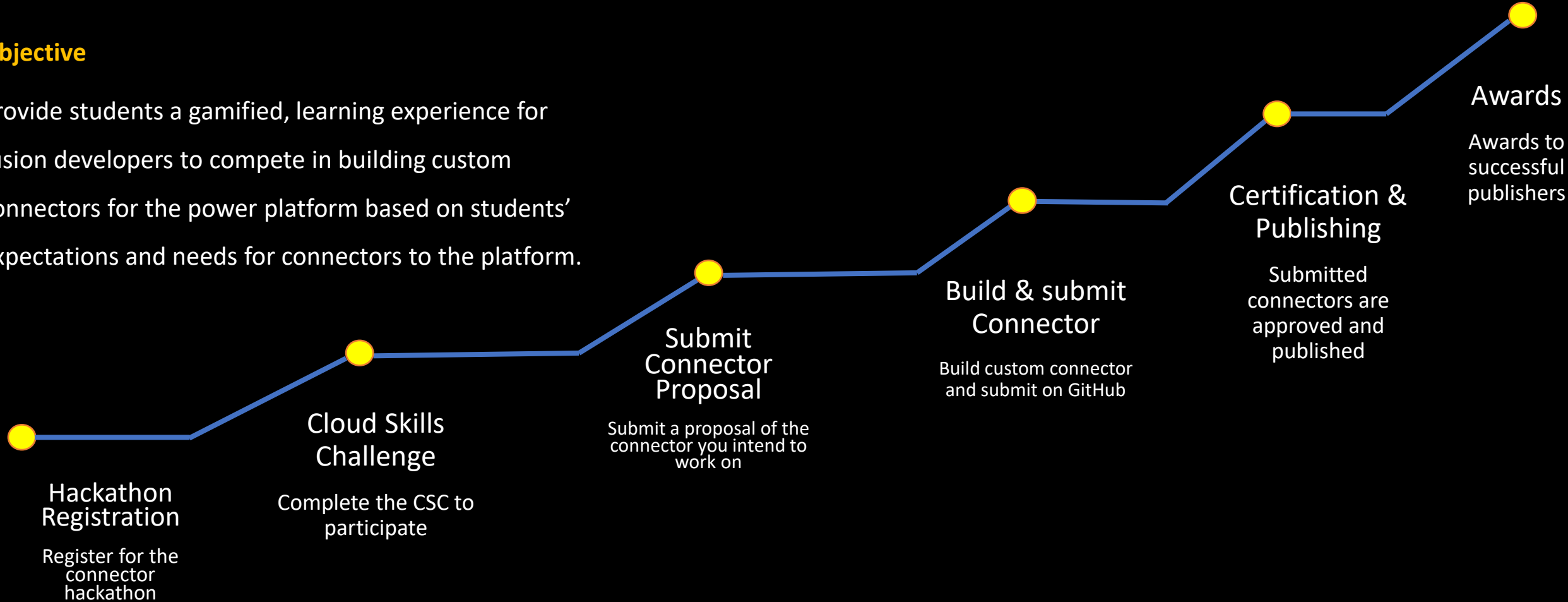


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# Cloud Skills Challenge

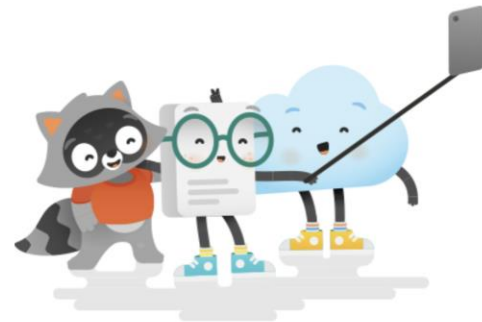
Participate in the  
Cloud Skills Challenge  
for a self-paced  
learning experience

[The Connector  
Hackathon Skills  
Challenge](#)

MICROSOFT CLOUD SKILLS CHALLENGE

## Creator Portal

Energize and educate developers and IT professionals through a gamified, self-guided experience to accelerate learning





# Build and submit a connector

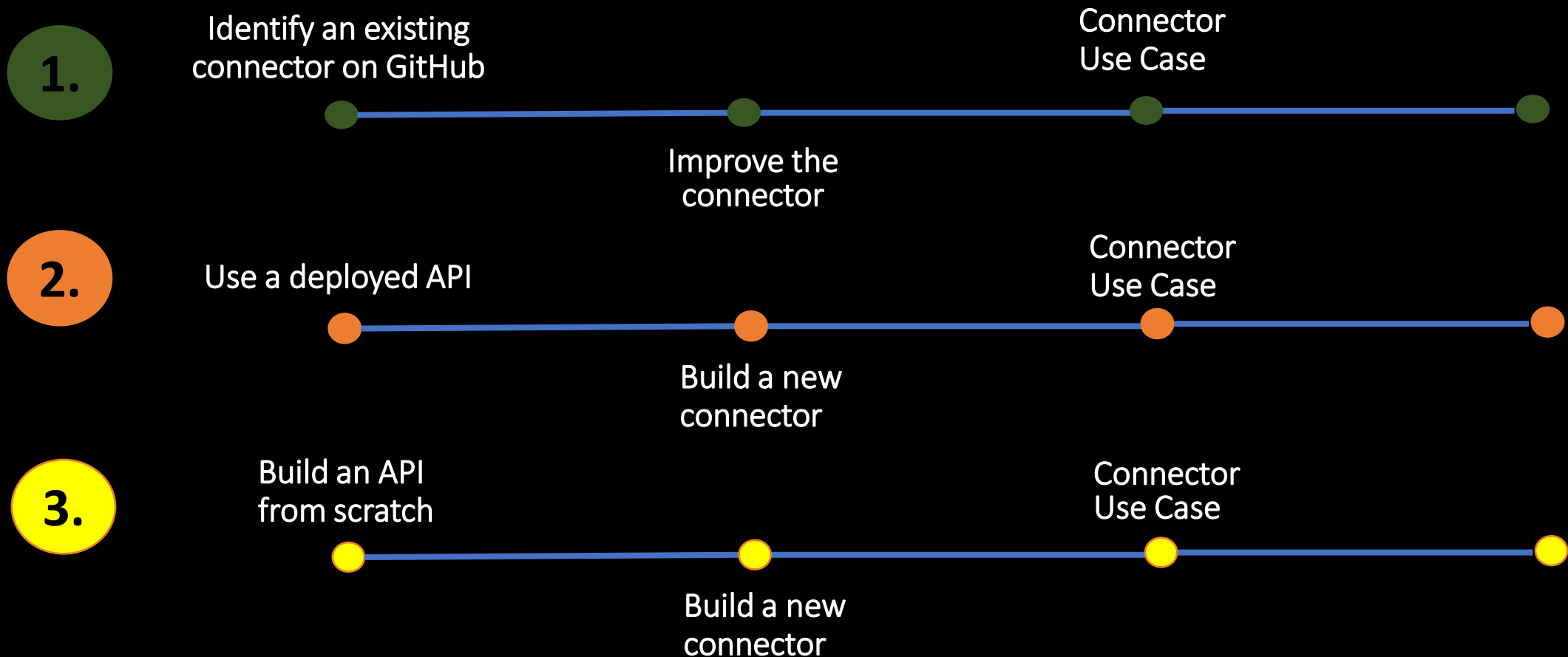
## Submissions

- ❖ README.md
- ❖ apiProperties.json file
- ❖ apiDefinition.json file

Approved teams have 2 dedicated days to build their connectors (Pro-Devs) and consume the connectors in a sample solution/use case (Citizen dev).

All working connectors should be submitted for certification within the week to the GitHub Repository: <https://github.com/Microsoft/PowerPlatformConnectors> Participant created a PR, and used the GitHub label Student

## Participation options



# Connector Certification & Publishing

All submitted connectors must adhere to <https://docs.microsoft.com/en-us/connectors/custom-connectors/certification-submission-ip>

After the teams submit connectors, it will take the validation teams 3 – 4 weeks to certify and publish them. Possible timelines:

"A hole-in-one submission"	Hours!
Submission alterations	2-3 Weeks!
Live Publishing	2-3 Weeks!
<p><b>Perfect Submission</b></p> <ol style="list-style-type: none"> <li>Connector works!</li> <li>Power Automate Template(s) (&lt;=3) to increase MAC</li> <li>Publisher submitted all required files: <ul style="list-style-type: none"> <li>❖ README.md (High quality with all metadata)</li> <li>❖ apiProperties.json file (Detailed description &amp; proper grammar)</li> <li>❖ apiDefinition.json file (Detailed description &amp; proper grammar)</li> </ul> </li> </ol>	

The image displays a grid of connector cards from the Microsoft connector marketplace. Each card includes a connector icon, name, publisher status, and creator. Several cards are circled in red:

- DadJokesIO (Independent Publisher)** by Troy Taylor
- DataMotion** by DataMotion, Inc.
- Decentraland (Independent Publisher)** by Roy Paar
- Dexcom (Independent Publisher)** by FlowJoe

Other visible connectors include D7SMS, Data8 Data Enrichment, Datablend, DataScope Forms, DBF2XML, Datamuse, Derdack SIGNAL4, DeskDirector, DigitalHumani, Discord (Independent Publisher), Do Not Call Reported Calls (Independent Publisher), DHL Tracking (Independent Publisher), and DigitalHumani (Independent Publisher).

## All Participants

All participants that submit a connector will receive the Independent publisher 2022 Credly badge.



## M365 Platform Community - Independent Publisher 2022

Issued by [M365 Platform Community \(PnP\)](#)

Independent Publisher badge earners contributed to the Power Platform Independent Publisher community by completing at least one of the contributions below.

### Skills



### Earning Criteria

- 👤 Published 1 connector by yourself
- 👤 2 or more contributions to a connector (Example: Documentation, Feature Upgrades, Blog Article, Presentation, etc.)

# Awards

## Cloud Skills Challenge Winners

5 randomly selected winners each receive a swag pack

## Hackathon Winners

The top 4 teams that submit the best connector will receive the Grand Prize

# Important!!

- All independent publisher contributors are advised to go through the [Independent publisher certification process](#) guidelines before participating in the hackathon
- Option 1 participants can ONLY improve the connectors in the [Independent-Publisher-Connectors](#) folder in the repository
- Participants SHOULD NOT submit connectors for services that already have existing connectors built to connect to them. They should NOT build connectors to Microsoft first-party services
- Perfect example: <https://docs.microsoft.com/en-us/connectors/autodeskforgedataexc/>
- Ideas: (Based on research done on connectors that are actually on demand. Which connectors do people around you want to use?)

