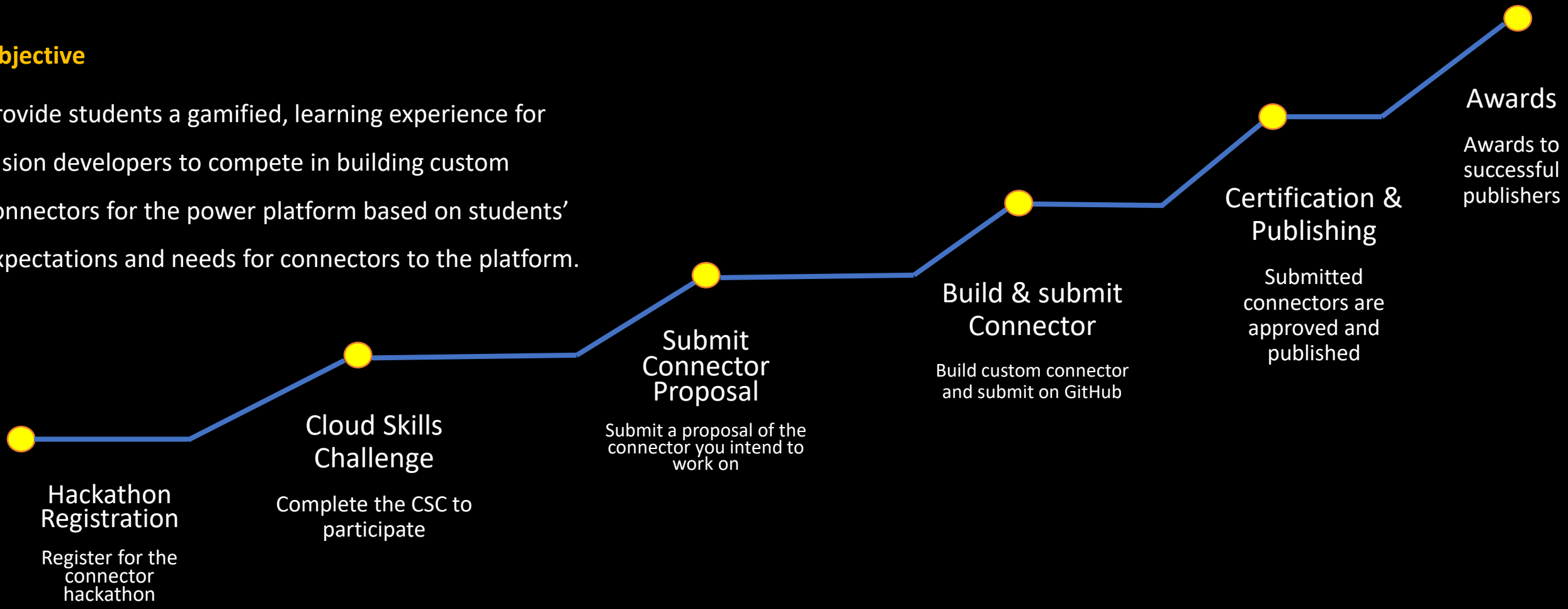
Microsoft Connector Hackathon Pilot Program- #30DaysofFusion

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

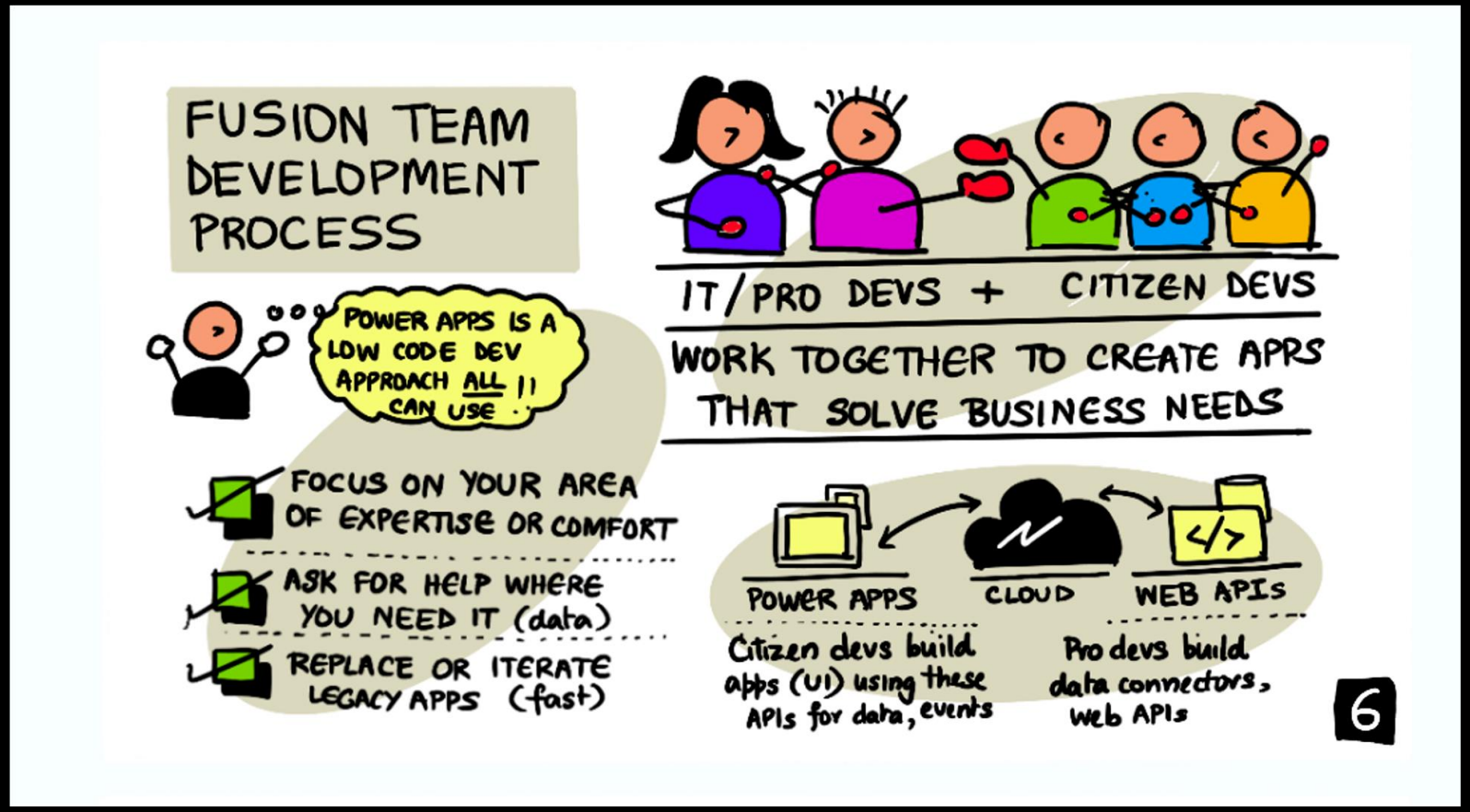
- Understand the business.
- Solve their own problems.

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, roles and responsibilities

1

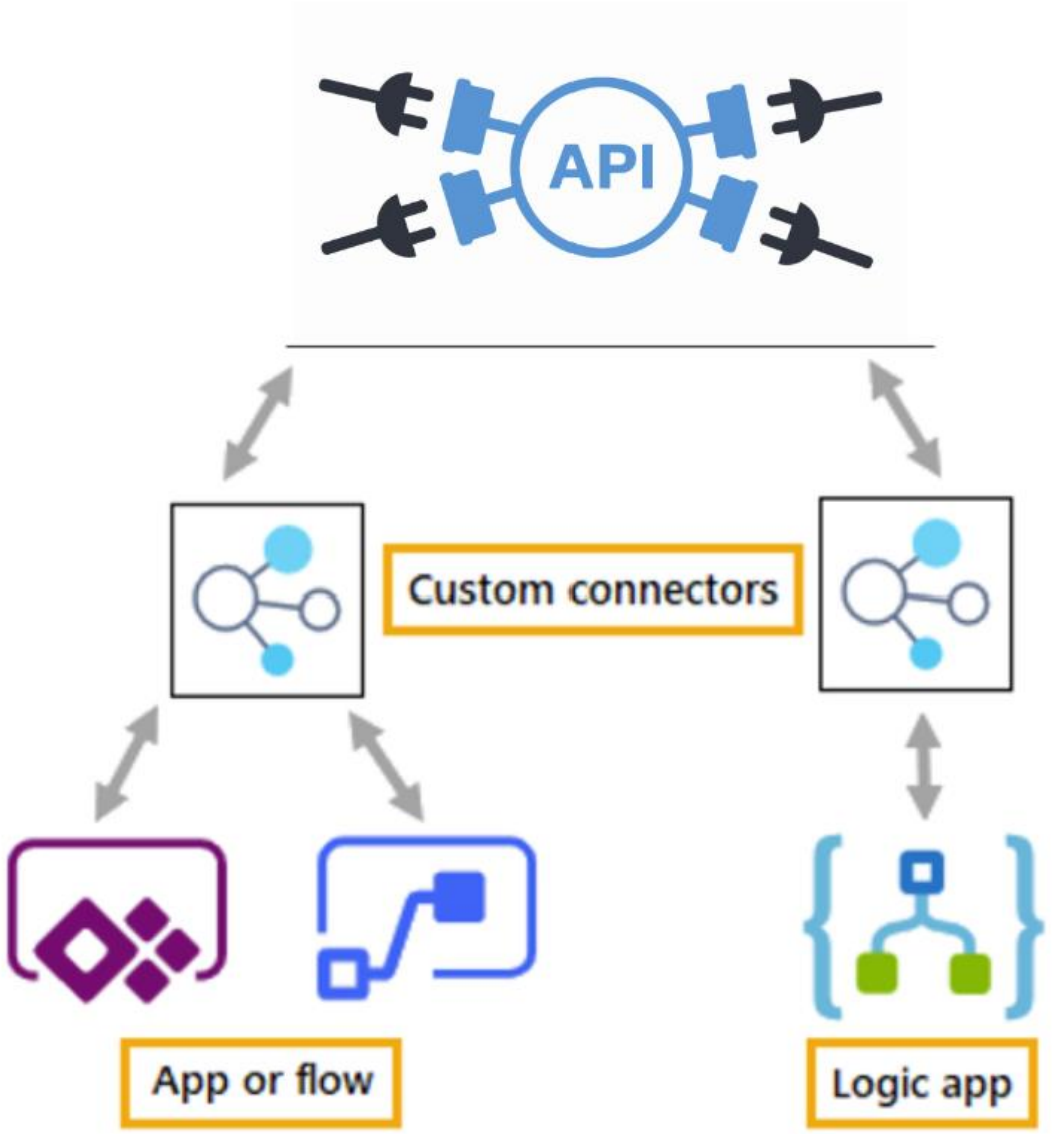
Code first developer builds APIs

2

APIs can be made into Connectors

3

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



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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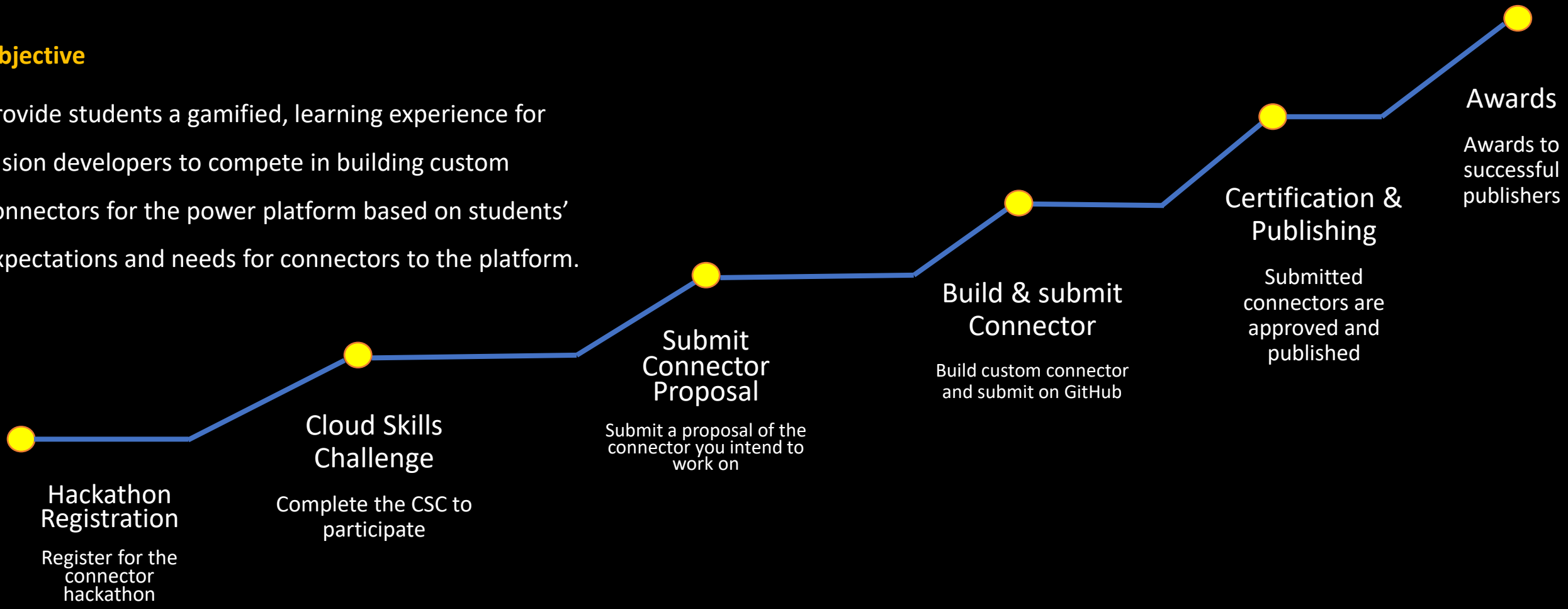
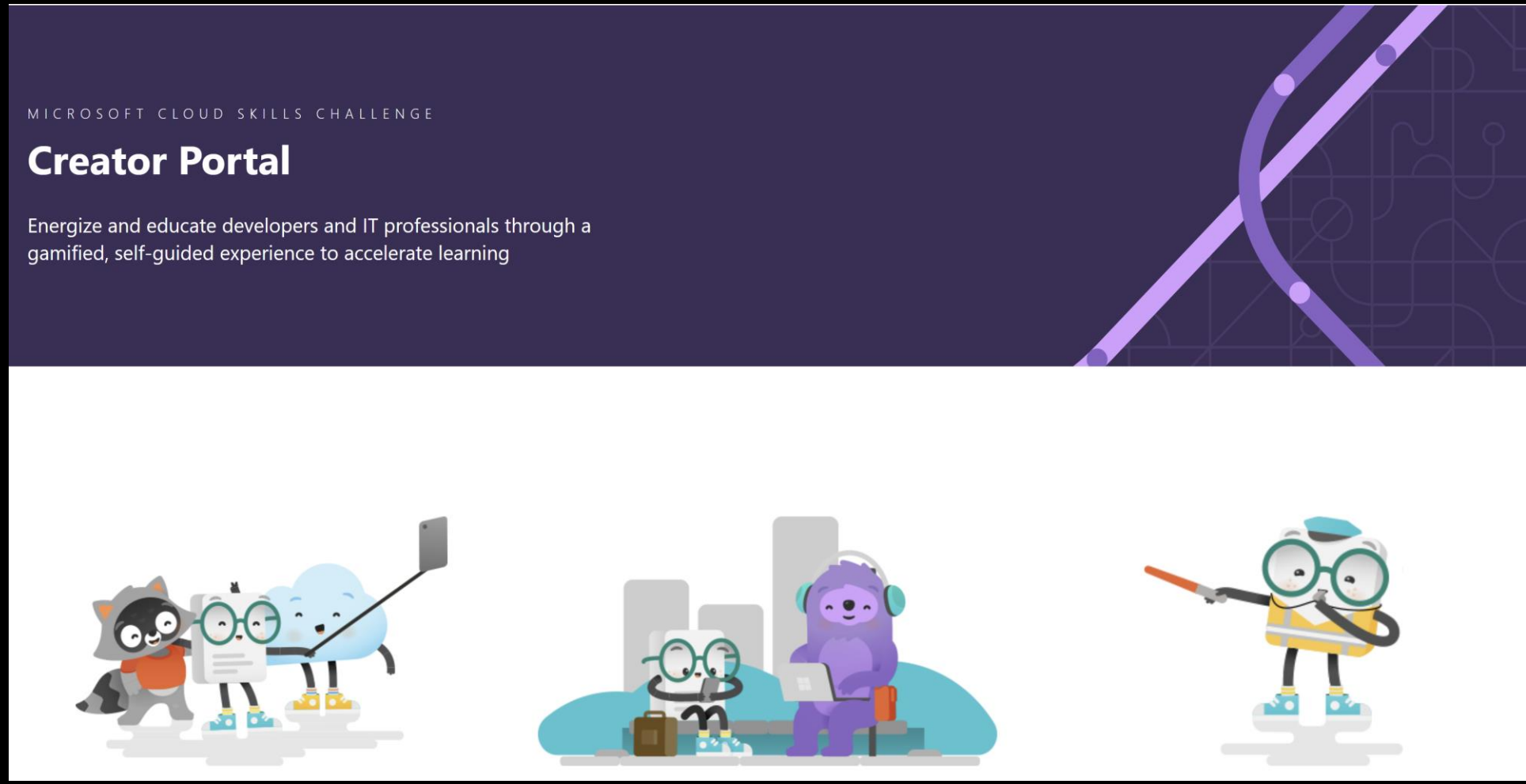


Cloud Skills Challenge

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

[The Connector Hackathon Skills Challenge]



Build and submit a connector

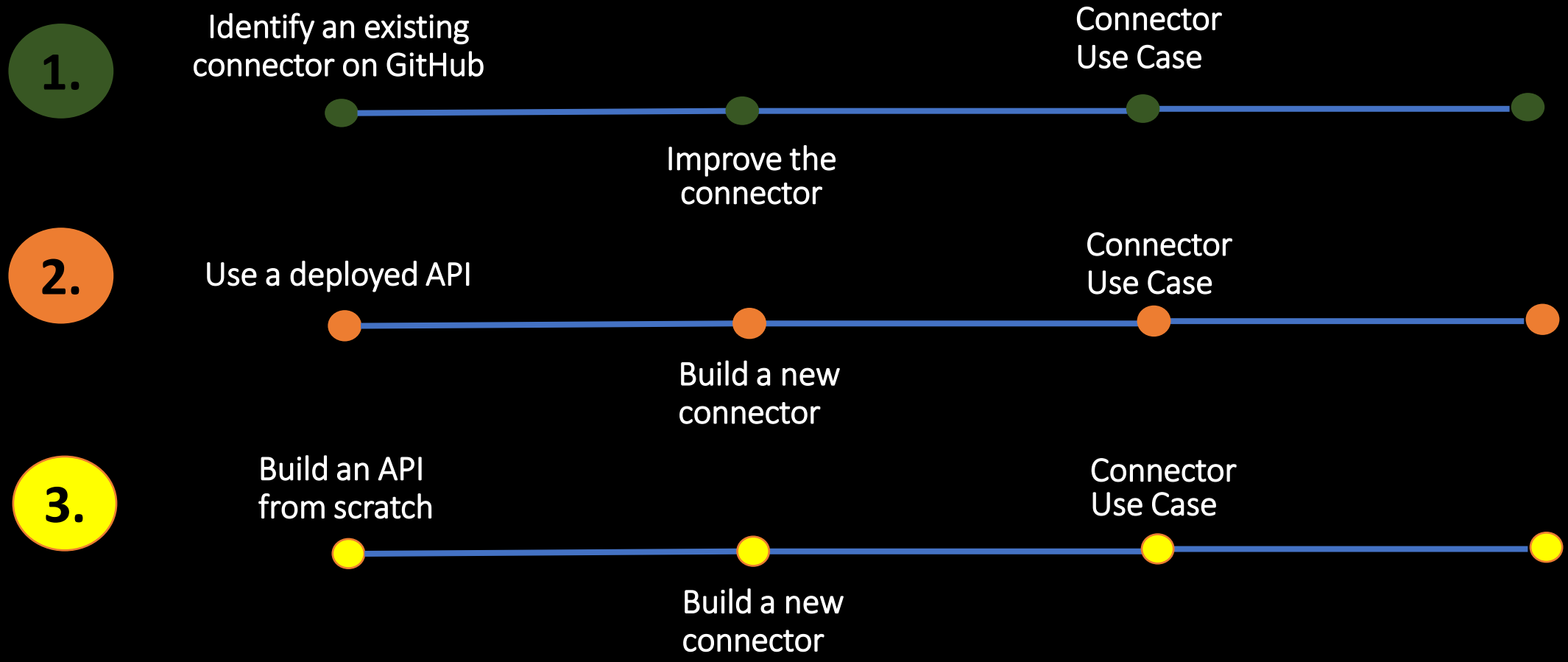
Approved teams have 2 dedicated days to build their connectors (Pro-Devs) and consume the connectors in a sample solution/use case (Citizen dev).

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

Submissions

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

Participation options



Connector Certification & Publishing

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

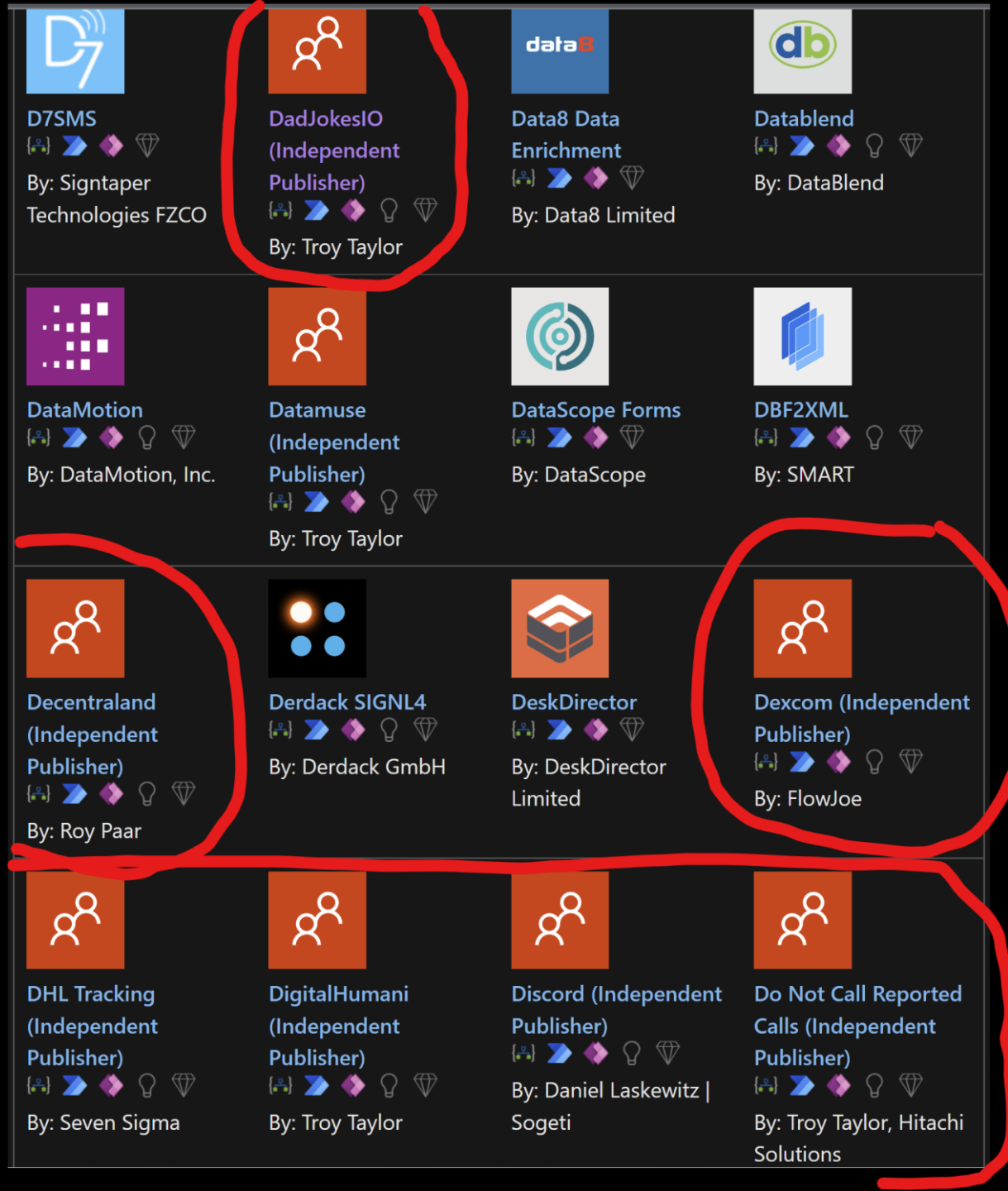
After the teams submit connectors, it will take the validation teams 3 – 4 weeks to certify and publish them. Possible timelines:

"A hole-in-one submission"	Hours!
Submission alterations	2-3 Weeks!
Live Publishing	2-3 Weeks!

Perfect Submission

1. Connector works!
2. Power Automate Template(s) (<=3) to increase MAC
3. Publisher submitted all required files:

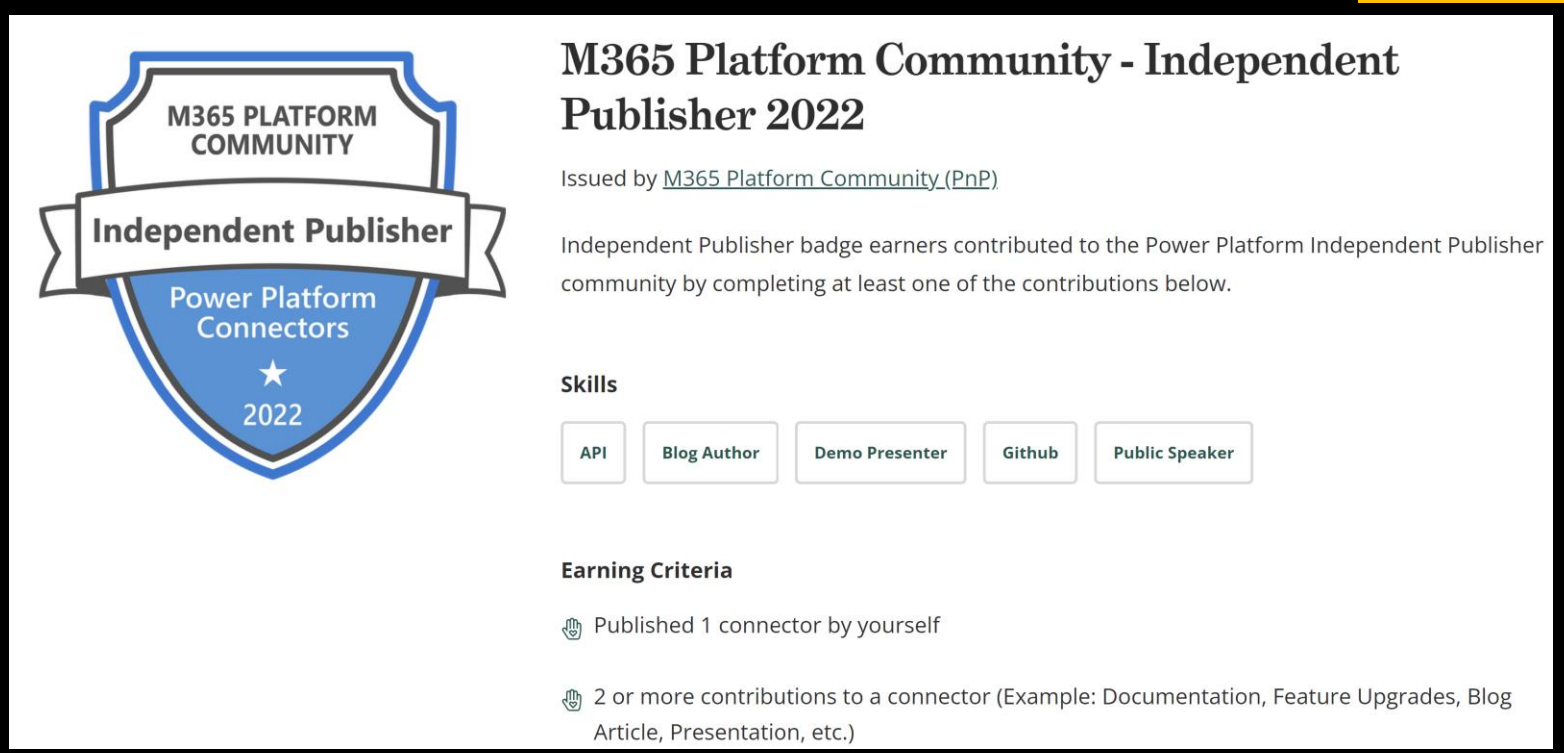
- ❖ README.md (High quality with all metadata)
- ❖ apiProperties.json file (Detailed description & proper grammer)
- ❖ apiDefinition.json file (Detailed description & proper grammar)



Awards

All Participants

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



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?)