



September 14th - 28th



# The Power Platform Global AI Hack

Build, innovate, and **#HackTogether**

[aka.ms/hacktogether/powerplatform-ai](https://aka.ms/hacktogether/powerplatform-ai)



**The Power Platform**  
**Global AI Hack**

# Get started with AI Builder in the Power Platform

Integrate AI models into your solutions

September 20<sup>th</sup> | 9AM PST

<https://aka.ms/hacktogether/powerplatform-ai/session3>



Ashish  
Bhatia



Gomolemo  
Mohapi

# AI Builder

Build, train, and publish AI models without a single line of code or the help of a data scientist



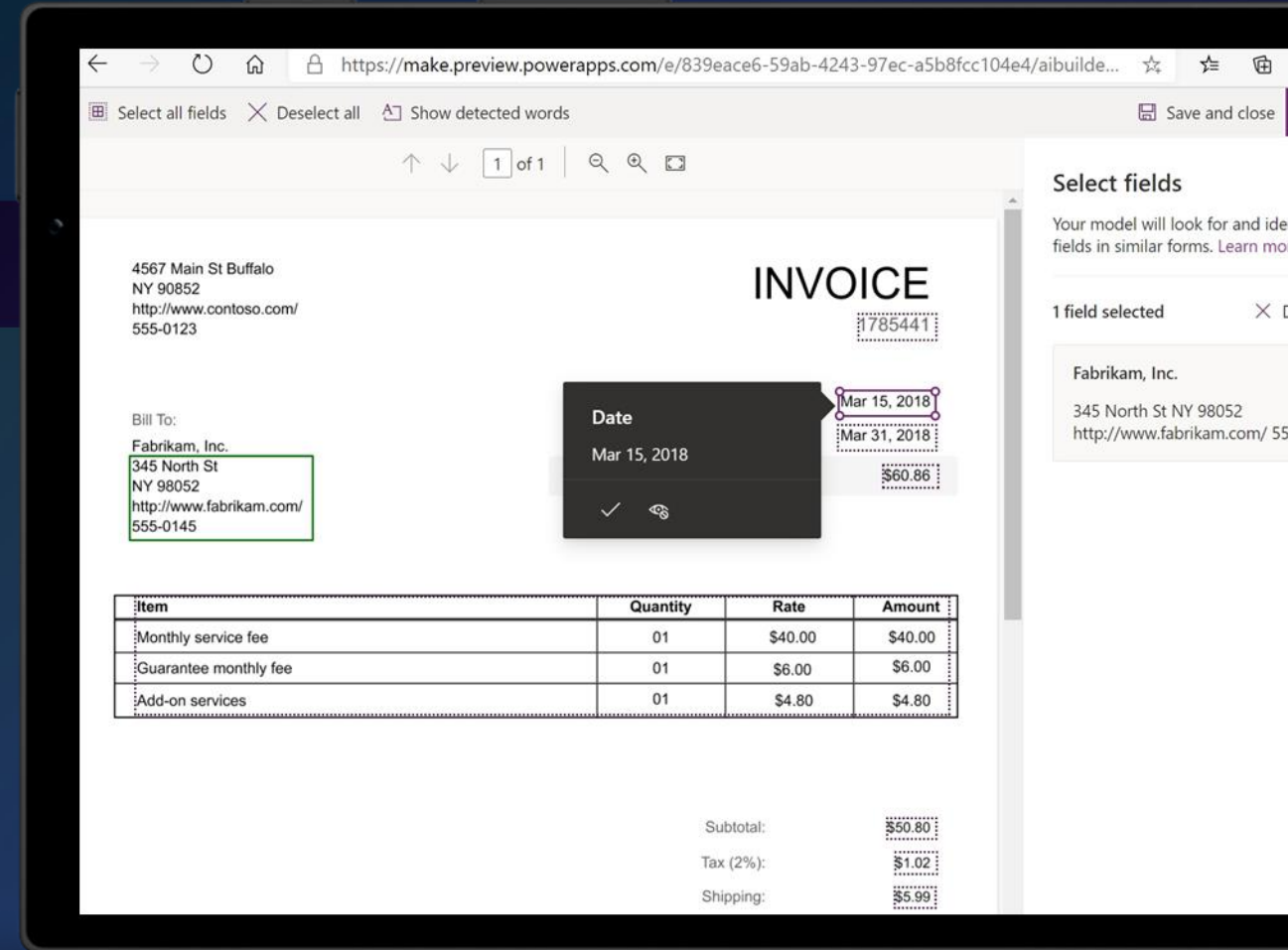
Build AI models in minutes with guided "point and click" wizards



Customizable for broad range of industries



Part of the Power Platform and Dynamics 365 so you can leverage your AI models anywhere and build robust, dynamic automations.



# Wide Range of AI Scenarios



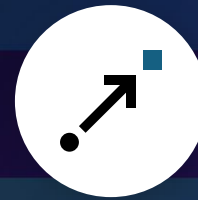
## Documents

Form processing  
Text recognition  
Invoice processing  
Receipt processing  
Identity document reader  
Business card reader



## Vision

Object Detection  
Classify Images



## Prediction

Prediction



## Language

Category classification  
Entity extraction  
Key phrase extraction  
Language detection  
Sentiment analysis  
Translation



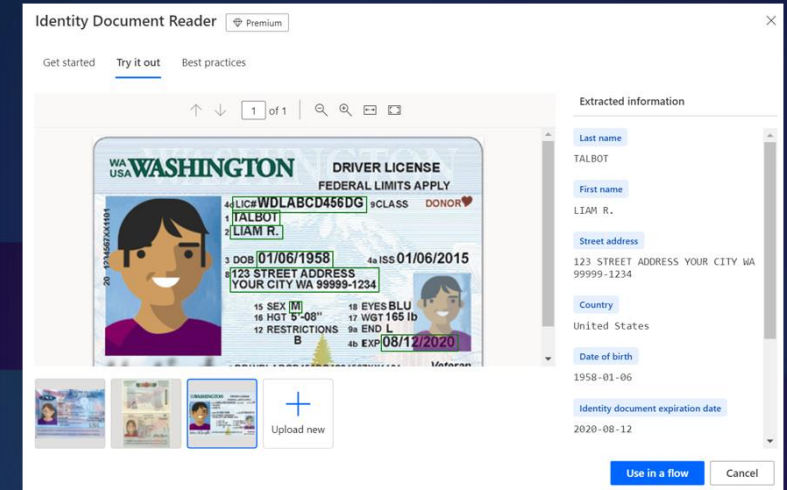
# Custom vs. Prebuilt AI Models



**Pre-built AI Models** are ready to use out of the box and don't require any training.

You can invoke them directly from Power Automate or Power Apps to build intelligent apps and workflows.

Ex: Process an ID document

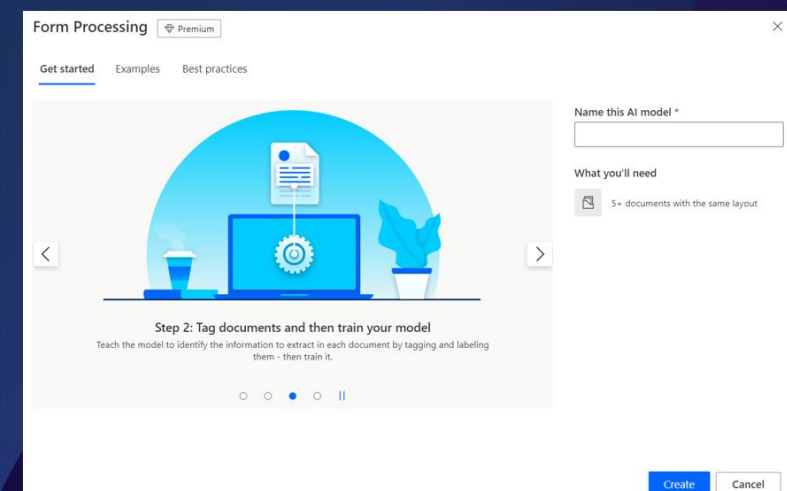


**Custom AI models** require training to be able to understand company specific information.

Before using them, makers need to train the model for a specific need, by submitting historical data and teaching the model how to understand it.

A no-code wizard guides the maker during this process.

Ex: Understand a specific company template to process purchase orders





# Demo

## Overview of AI Builder

# AI Builder : AI for makers in no-code



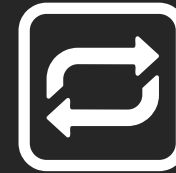
## Out of the box AI

Pre-trained AI models that are ready to use



## Customizable AI

Fine-tune AI models for your specific business need with no-code training wizards



## AI end-to-end

End-to-end AI orchestration including data validation and feedback loops



## AI Governance

Control who has access to AI and govern how models are used across an organization

# Microsoft's AI Stack

Tailored for individual personas :



**Citizen Makers**

- Infuse AI into Power Platform
- Integration into Dynamics and M365
- Prebuilt and fine-tunable AI models
- Govern AI Models
- Fast time to market



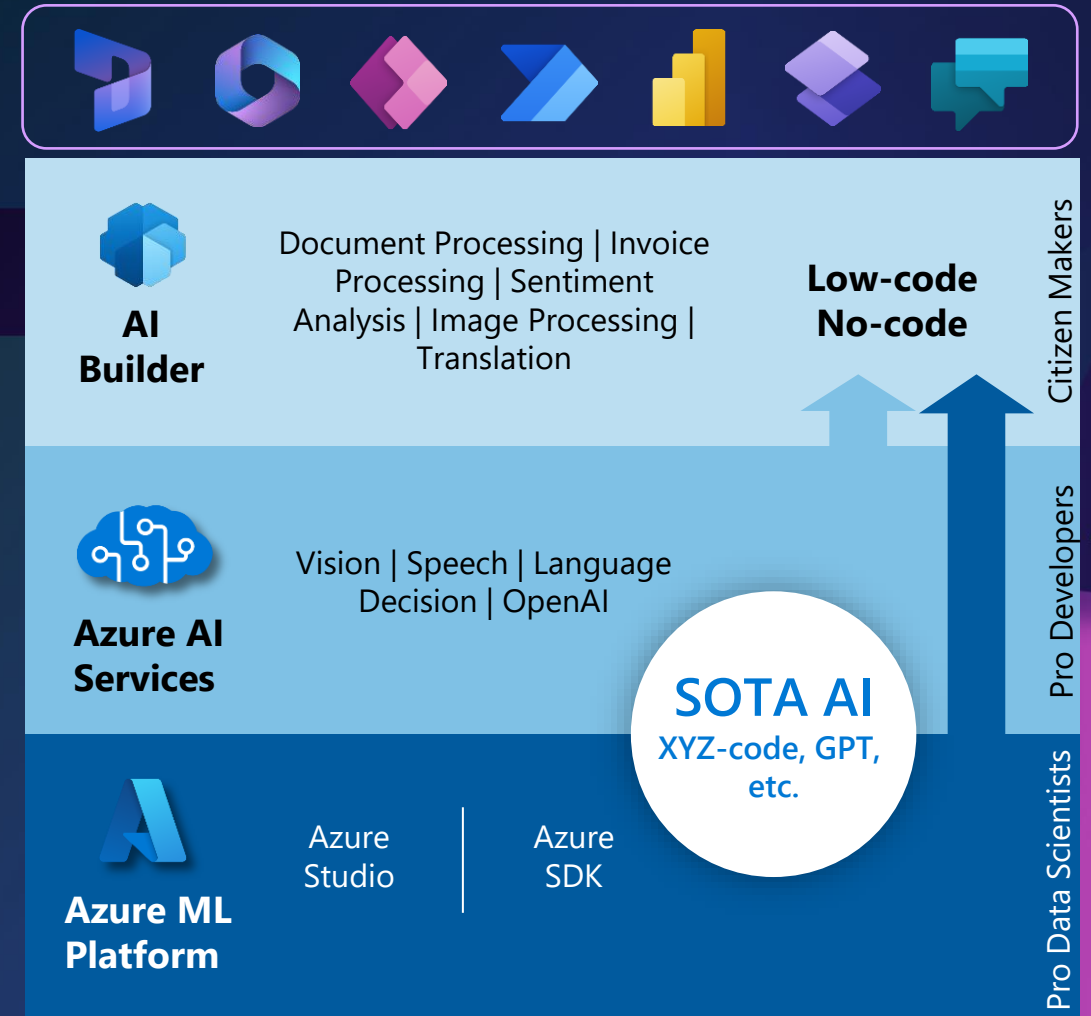
**Pro Developers**

- Out of the box SOTA AI models
- Build custom AI Models with your data
- Cognitive APIs for easy integration
- AI optimized for common scenarios



**Pro Data Scientists**

- Build custom AI Models
- Infuse AI in custom apps
- Full Control
- Peak performance





# AI Builder ❤️ Generative AI



## Prompt Engineering

- Easy experimentation
- Predefined prompts



## Power Platform Integration

- Use LLM models in workflows and enterprise apps



## No-code AI

- Azure OpenAI Service models available in No-Code form factor
- Reliability of Azure



## Responsible AI

- Azure Content Moderation capabilities
- Power Platform Governance and RBAC



## Licensing

- Manage consumption with AI Builder credits

# What business scenarios can GPT unlock?

Sentiment Analysis

Translation

Maker Tutorials

Text Classification

Conversational agent  
over data

Content  
Recommendations

Content Generation

Automated customer  
service

Document clustering

Summarization

Code Generation

Information extraction

...

# Demo

Overview of the AI Builder Create Text  
with GPT Model

- Try AI Builder -  
<https://aka.ms/TryAIBuilder>

## Resources

- Step by Step Form Processing -  
<https://aka.ms/LearnFormProcessing>

**The Power Platform**  
**Global AI Hack**

# Leveraging Azure OpenAI Service in the Power Platform

Extend your solutions with  
Azure OpenAI

September 21<sup>st</sup> | 9AM PST

[https://aka.ms/hacktogether/  
powerplatform-ai/session4](https://aka.ms/hacktogether/powerplatform-ai/session4)



Robin  
Rosengrün



Daniel  
Laskewitz



Thank You!

