

Azure Developer Community Day 2022

Willkommen | Welcome | Bienvenue | Bienvenido | Benvenuto | Welkom



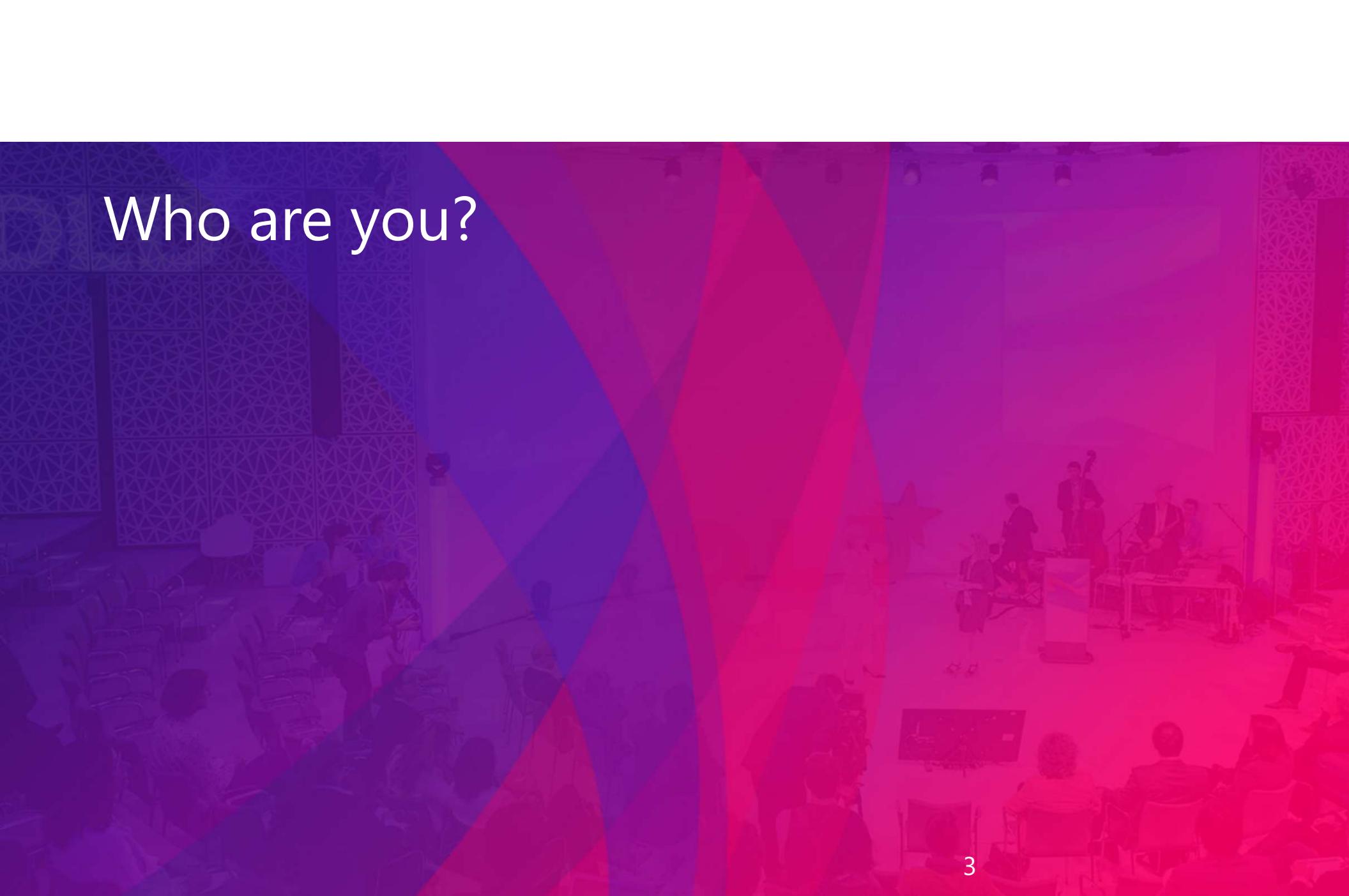


I, Robot from “planet Azure”

- Michiel Hamers

16™
www.pegi.info

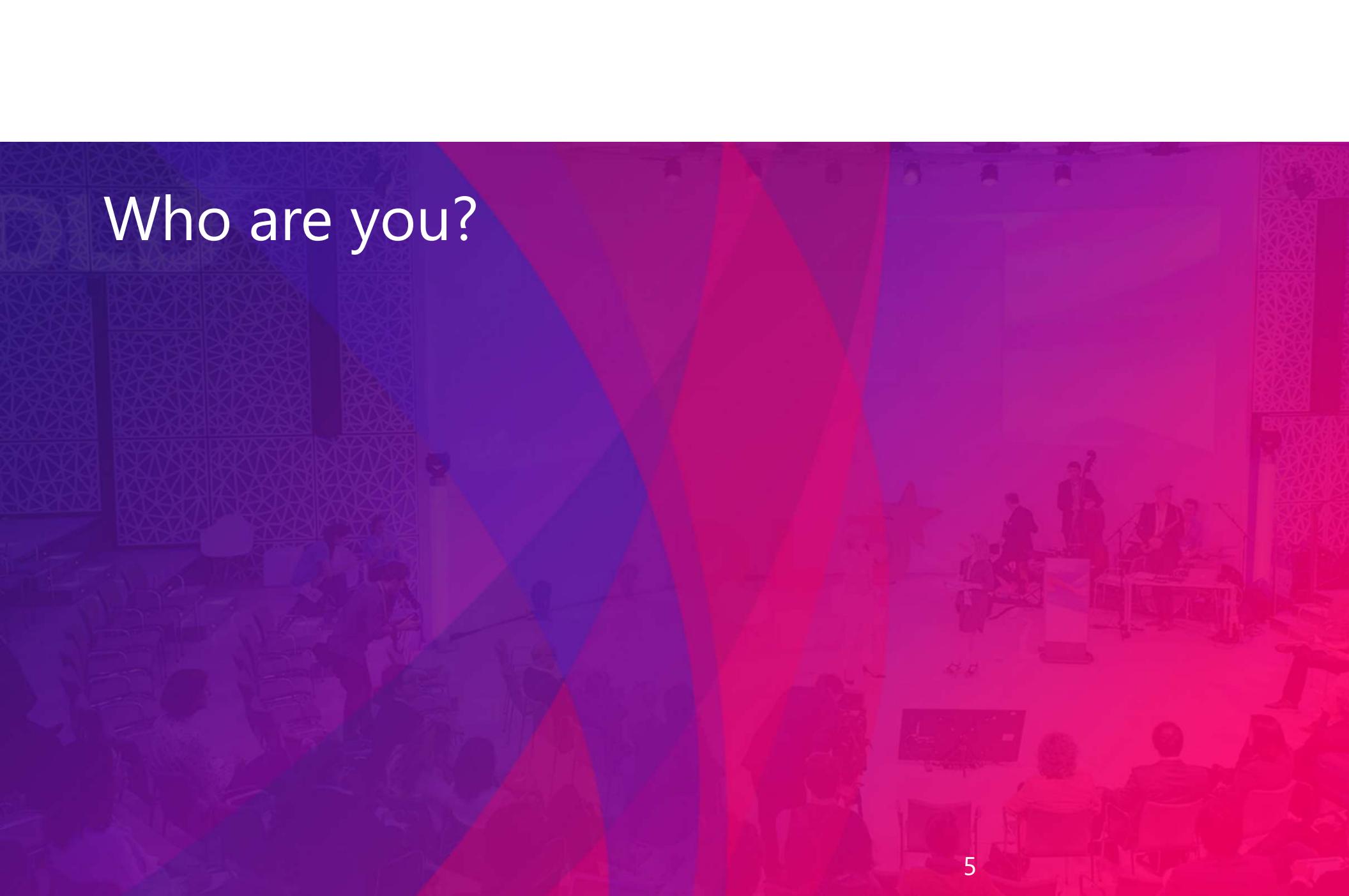




Who are you?



COMEDY CENTRAL
ROAST



Who are you?

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Robot vacuums Top 10 robot vacuums Mopping robots iRobot Neato Accessories Vacuums Hand

◀ Back | Vacuum cleaning / Vacuums / Robot vacuums / Amazon Alexa robot vacuums / Roomba i5+ (i5654)

iRobot Roomba i5+ (i5654)



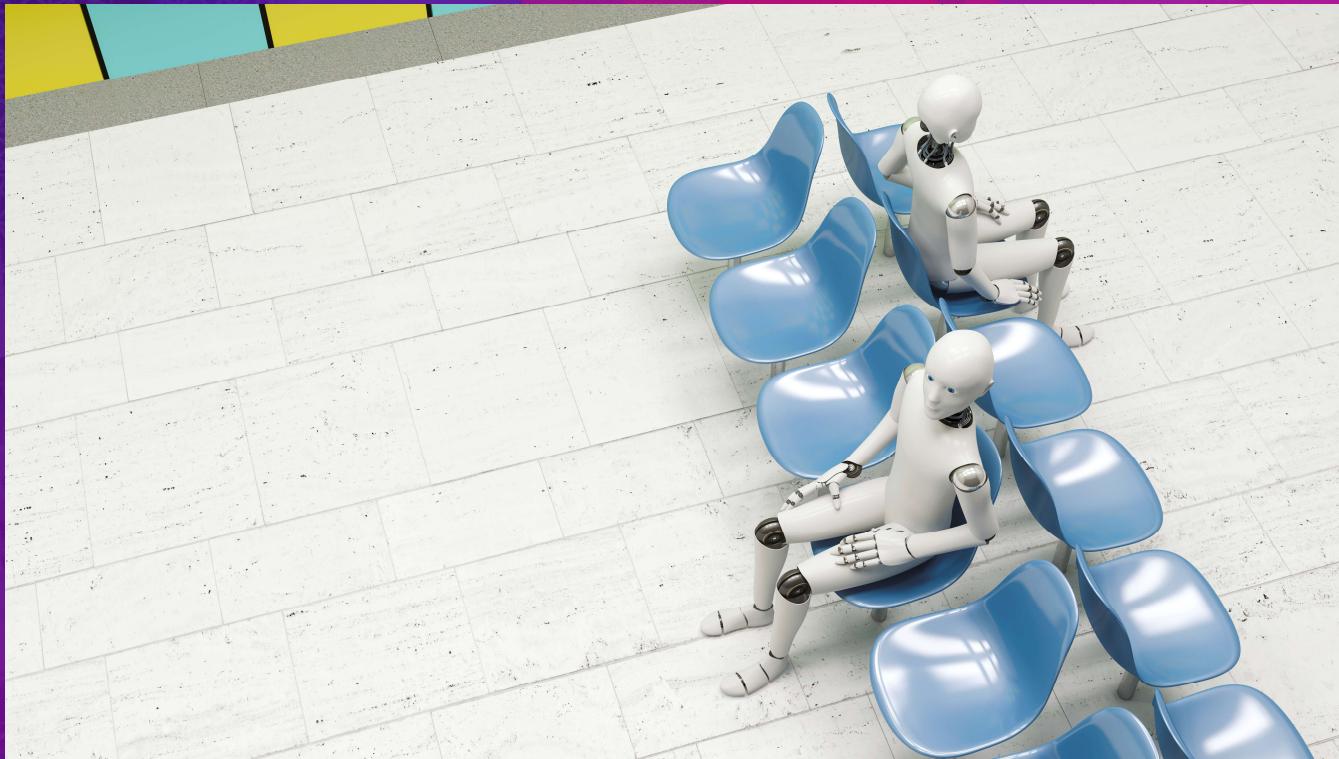
8,8/10 (4 reviews)

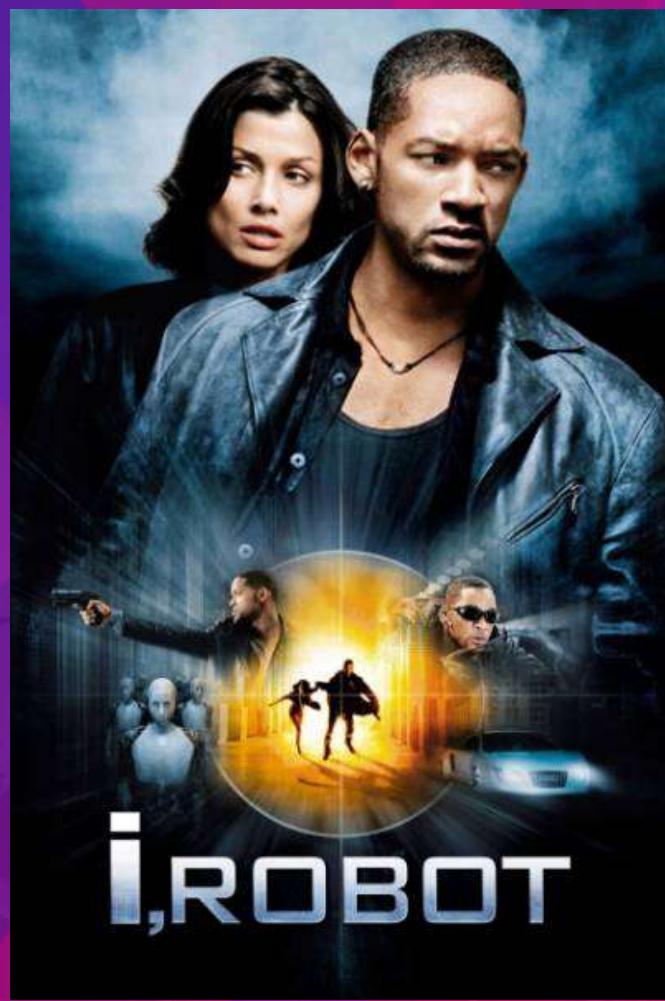
[View all accessories](#)

[iRobot Roomba](#)



I, Robot

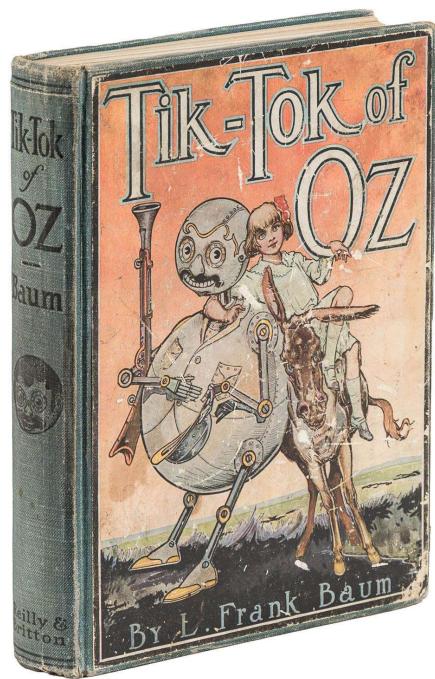




Planet Azure



Look back



The Promise ...

In the year 2035, humanoid robots serve humanity, which is protected by the Three Laws of Robotics.

3 laws

- First Law
 - A robot may not injure a human being or, through inaction, allow a human being to come to harm.
- Second Law
 - A robot must obey the orders given it by human beings except where such orders would conflict with the First Law.
- Third Law
 - A robot must protect its own existence as long as such protection does not conflict with the First or Second Law.

Planet Azure



My focus



My focus

264 TOTAL KILLS



1 FEMALE



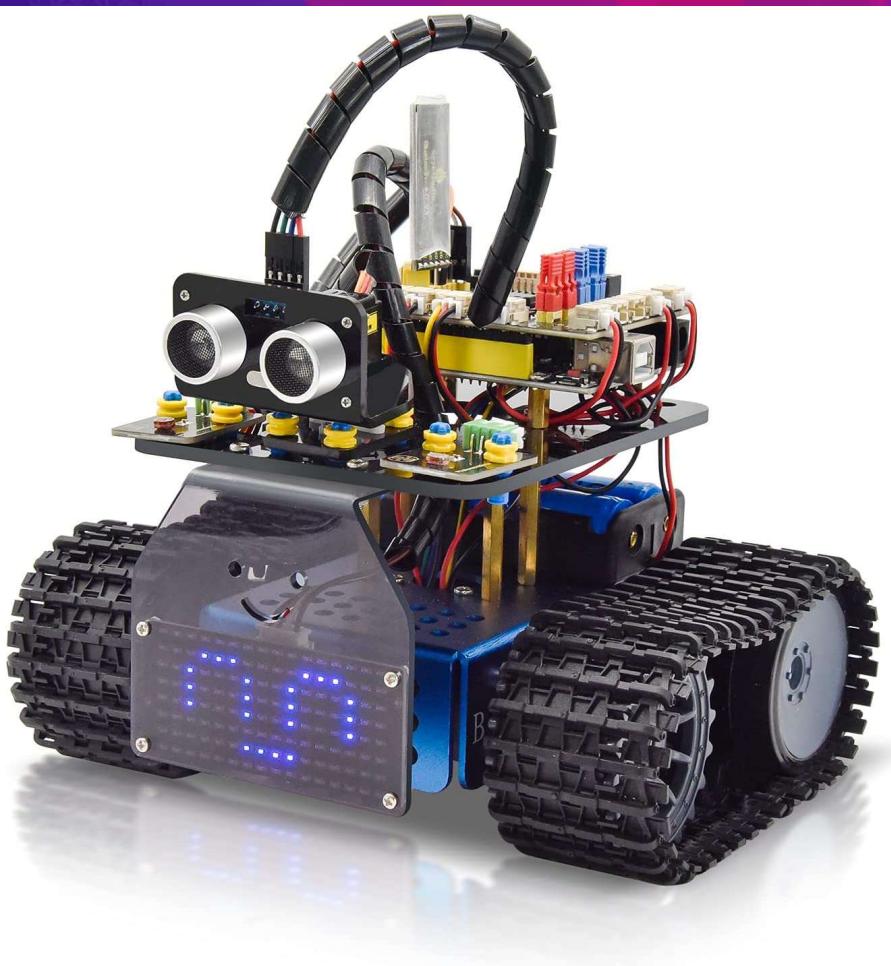
2 MALE



260 ROBOTS

My focus





Planet Azure

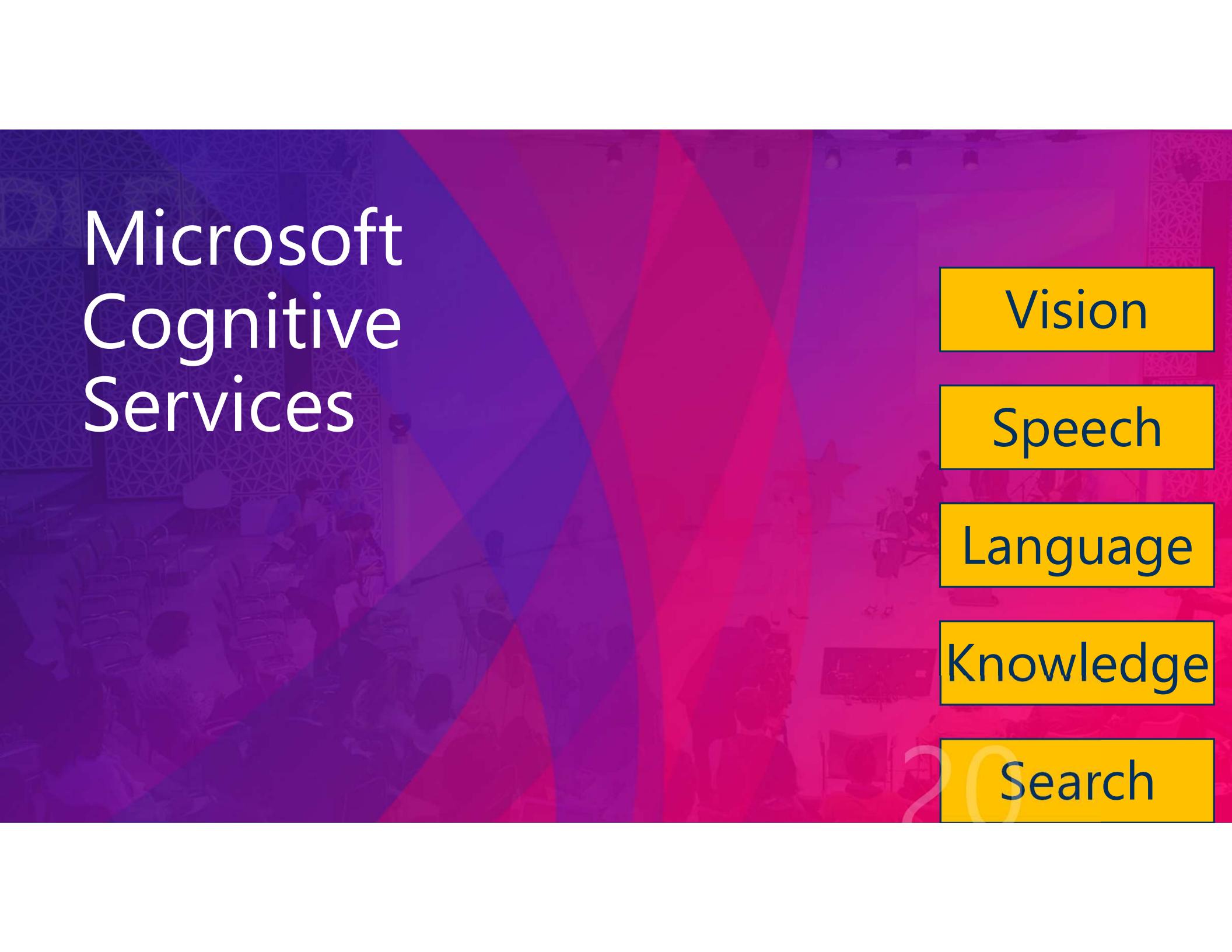


I, Robot (from “planet Azure”)

Azure Cognitive services



Microsoft Cognitive Services



Vision

Speech

Language

Knowledge

Search

Vision API's

- **Computer Vision**

- Distill actionable information from images
- **Face**
- Detect, identify, analyze, organize, and tag faces in photos
- **Video Indexer** PREVIEW
- Unlock video insights
- **Content Moderator**
- Automated image, text, and video moderation
- **Custom Vision** PREVIEW
- Easily customize your own state-of-the-art computer vision models for your unique use case

Vision

Speech

Language

Knowledge

Search

Speech API's

- Bing Speech
- Convert speech to text and back again to understand user intent
- Speaker Recognition
- Use speech to identify and verify individual speakers
- Translator Speech
- Easily conduct real-time speech translation with a simple REST API call
- Custom Speech
- Overcome speech recognition barriers like speaking style, background noise, and vocabulary
- Speech Services
- Unified speech services for speech-to-text, text-to-speech and speech translation

Vision

Speech

Language

Knowledge

Search

Language API's

- **Text Analytics**

- Easily evaluate sentiment and topics to understand what users want

- **Translator Text**

- Easily conduct machine translation with a simple REST API call

- **Bing Spell Check**

- Detect and correct spelling mistakes in your app

- **Content Moderator**

- Automated image, text, and video moderation

- **Language Understanding**

- Teach your apps to understand commands from your users

Vision

Speech

Language

Knowledge

Search

Knowledge

- QnA Maker
- Distill information into conversational,
- easy-to-navigate answers

Vision

Speech

Language

Knowledge

Search

Search 1/2

- **Bing Web Search**

- Get enhanced search details from billions of web documents

- **Bing Visual Search**

- Get rich insights to help build compelling image applications on the device of your choice

- **Bing Custom Search**

- An easy-to-use, ad-free, commercial-grade search tool that lets you deliver the results you want

- **Bing Entity Search**

- Enrich your experiences by identifying and augmenting entity information from the web

Vision

Speech

Language

Knowledge

Search

Search 2/2

- **Bing Video Search**

- Search for videos and get comprehensive results

- **Bing News Search**

- Search for news and get comprehensive results

- **Bing Image Search**

- Search for images and get comprehensive results

- **Bing Autosuggest**

- Give your app intelligent autosuggest options for searches

Vision

Speech

Language

Knowledge

Search

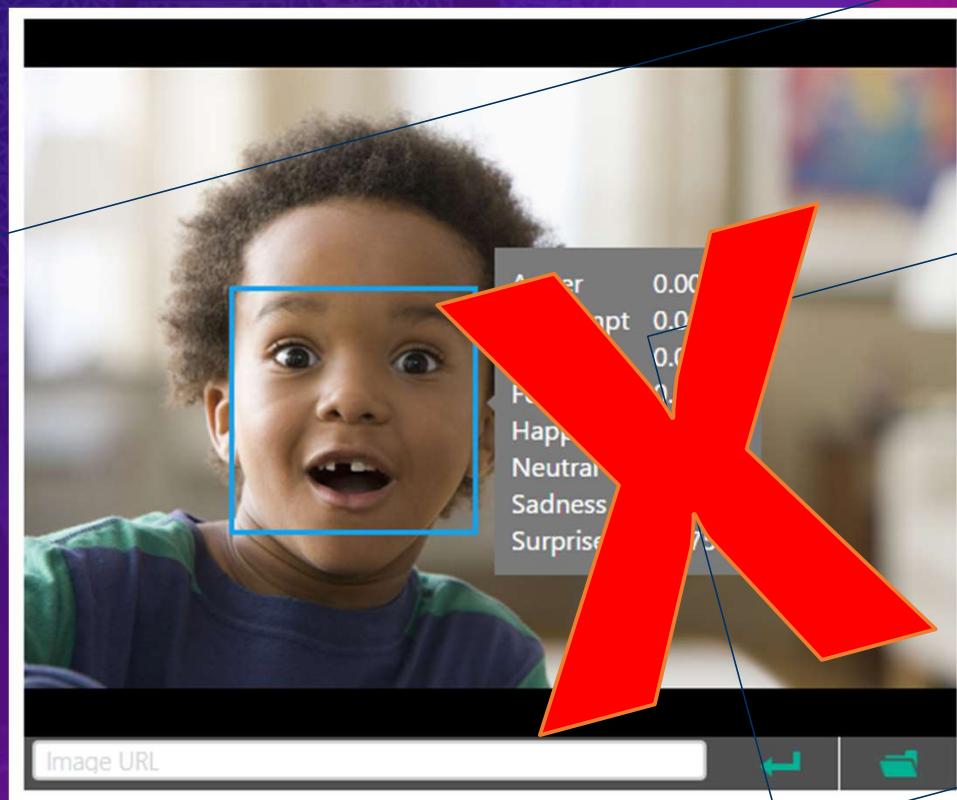
I, Robot (from “planet Azure”)



Examples

And demo's

Examples



Abri

CONTOSO OUTDOOR CHEF

BBQ & GRILL OUTDOOR KITCHENS ACCESSORIES CLEARANCE INSTALLATION

Fabrikam M5200 Portable BBQ

DESCRIPTION

Cook your meat to absolute perfection with this portable BBQ Set. Great for small outdoor spaces and entertaining without compromising on flavor. Buy Now and receive a 5 Piece BBQ cooking + cleaning set absolutely free.

\$219 [BUY NOW](#)

RELATED ITEMS

	4 Burner BBQ Kart \$389		Portable Coal BBQ \$149
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Demo

Microsoft Azure

Neem contact op met Verkoop: 0800-292-9240

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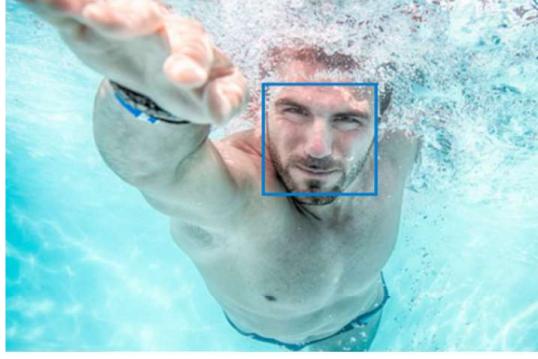
Onze aanbevolen demo's verkennen



Emotion PREVIEW

De Emotion-API gebruikt een gezichtsuitdrukking in een afbeelding als invoer en retourneert met de Face-API de betrouwbaarheid in een set emoties voor elk gezicht in de afbeelding, evenals een begrenzingsvak voor het gezicht.

[De demo voor de Emotion-API verkennen](#)



Computer Vision

Met deze functie haalt u informatie op over visuele inhoud die is aangetroffen in een afbeelding. Gebruik tags, beschrijvingen en domeinspecifieke modellen om inhoud te identificeren en deze zonder reserves te labelen.

[De demo voor de Computer Vision-API verkennen](#)

Scalable

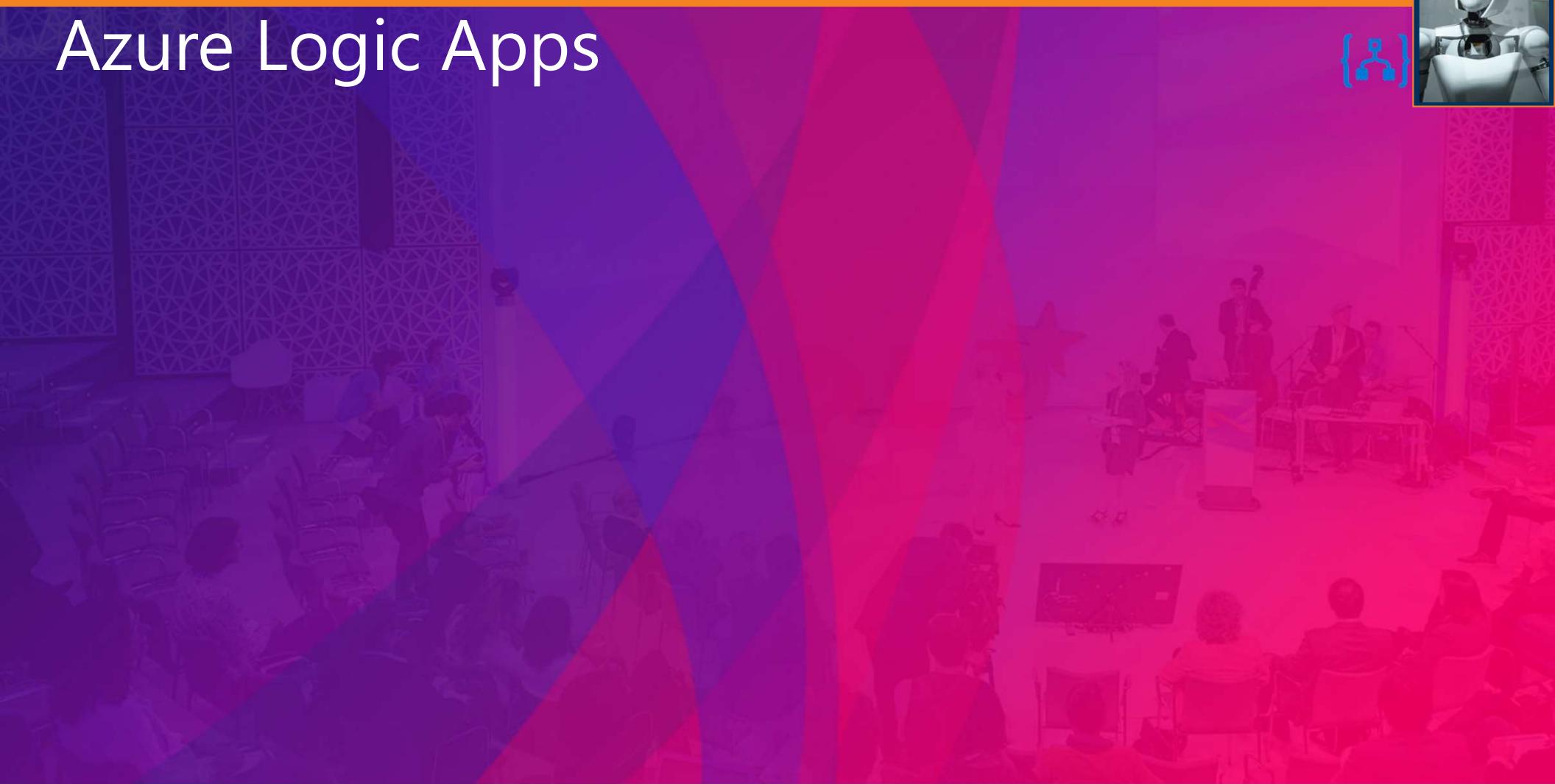




Everything is looking good

I, Robot (from “planet Azure”)

Azure Logic Apps



I, Robot (from “planet Azure”)

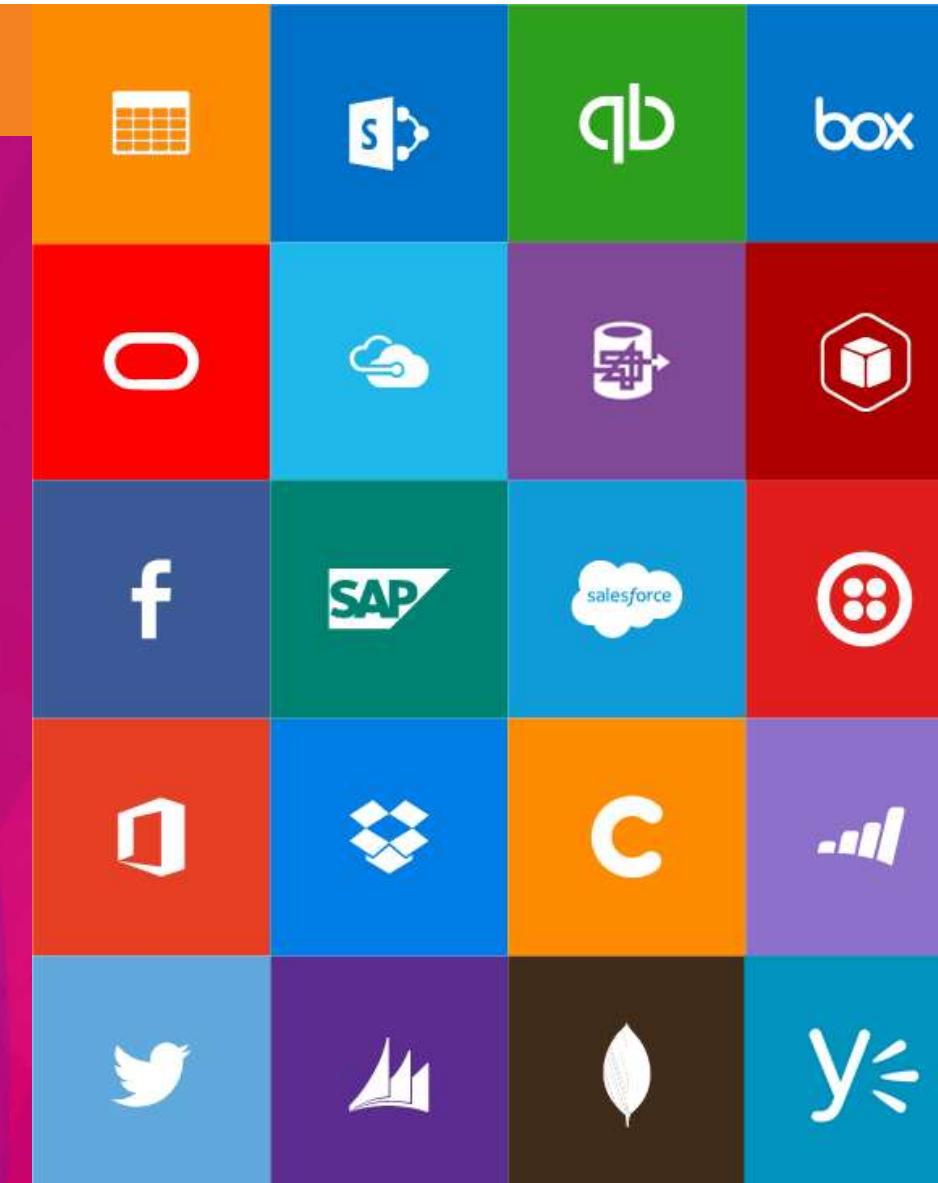
Azure Logic Apps API Connections

Connect your favorite services

- Saas
- Hybrid
- Biztalk & B2B
- Protocols

Full list:

<http://aka.ms/logicapps-availableapi>



I, Robot (from “planet Azure”)

Azure Logic Apps – API Connections



Easily use cloud or custom APIs:

- Dozens of built-in APIs for popular SaaS
- An ecosystem of APIs for any need
- Create and publish custom, reusable APIs
- Easily connect to existing APIs in the cloud
- Visual Studio tooling with one click publish and remote debugging



Api's

Create, consume and host APIs more easily

I, Robot (from “planet Azure”)



Azure Logic Apps – Concepts

Control Flow

Response

For Each

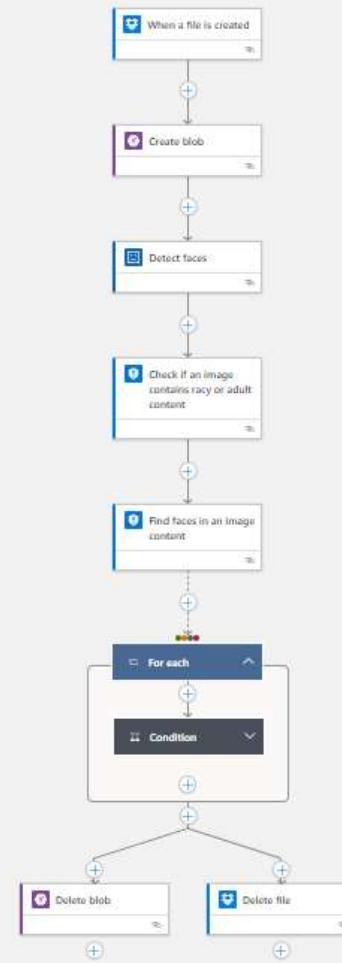
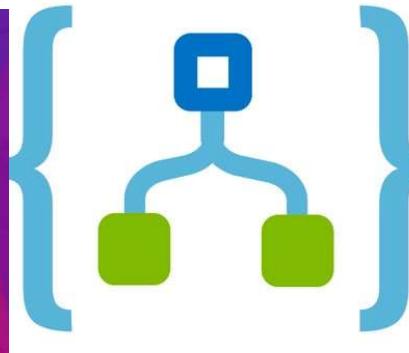
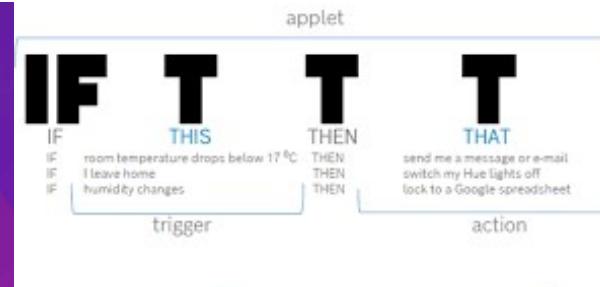
Split On

Do Until

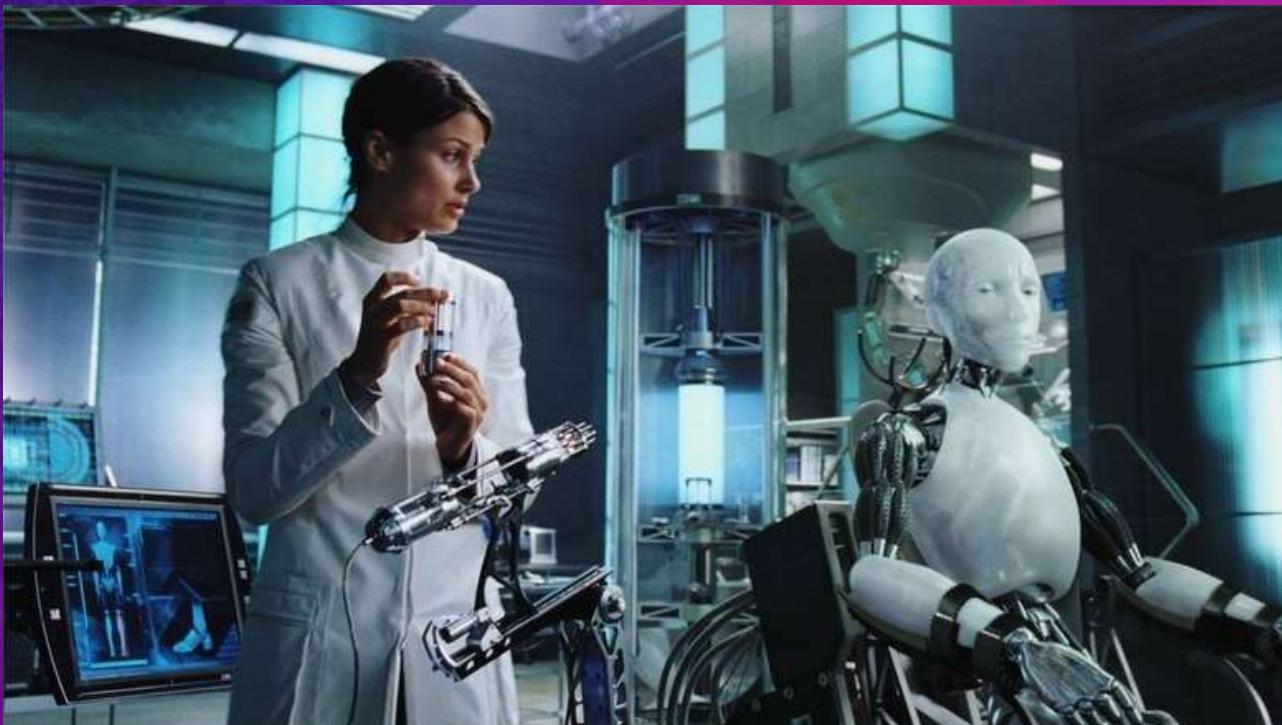
Conditions



DEMO



Ethics



Decisions

- Power Virtual Agent?



What is real?

Intelligent Kiosk Sample

Vision API Explorer



Tags:
person (100%) man (100%) close (20%)

Description:
Lionel Messi, Cristiano Ronaldo are posing for a picture (93%)

Celebrities:
Cristiano Ronaldo, Lionel Messi

Colors:
Dominant background color:
Dominant foreground color:
Dominant colors:
Accent color:

OCR:
 Off



41

Thank you, questions?

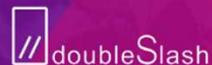


You want to connect after this session?

<https://about.me/michielhamers>

Vielen Dank | Thank you | Merci | Grazie | Gracias | Veel dank

Feel free to give feedback!



Thank you, questions?

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Feel free to give feedback!



Where can you start?

<https://azure.microsoft.com/en-us/updates/?status=nowavailable&category=ai-machine-learning>

<https://powervirtualagents.microsoft.com>

<https://www.serverlesslibrary.net/?technology=Cognitive%20Services>

<https://moap.ms>

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<https://aka.ms/Build2022AzureAIBlog>

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