

FOR EXAMPLE, IF YOU TRY TO BUILD A CHATBOT FROM THE SCRATCH...



Preparing enough training data

Doing annotation





Tuning algorithms

THERE IS SO MUCH YOU NEED TO DO.

IF YOU USE ONE OF THE PROVIDED PRE-BUILT AI'S, YOU CAN INSTANTLY AND EASILY MAKE YOUR APP A REALITY!



Azure Cognitive Services not only has AI's for chatbots, but a wide range of other uses, so the possibilities are endless!





Speech 音声与テキスト

話者識別



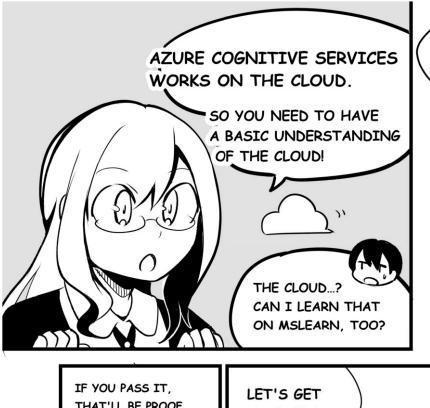
Language 文章解析、文脈理解



Search Web検索機能 先行入力機能など

Decision 異常検出機能 問題のあるコンテンツの検出など https://www.qnamaker.ai/







BY THE WAY, IF YOU DO ALL OF THESE LEARNING PATHS, YOU'LL BASICALLY BE STUDYING FOR THE AZ-900 MICROSOFT CERTIFICATION TEST!

https://aka.ms/AFUN-LP

Interested in the cloud, but aren't quite sure what it can do for you? This path is the p





HEY MICK, HOW'D YOU END UP LEARNING PROGRAMMING IN SUCH A SHORT TIMESPAN?





BUT THANKS TO MSLEARN, I'VE GAINED A LOT OF CONFIDENCE!



MSLEARN NOT ONLY HAS CONTENT FOR BEGINNERS, BUT ALSO INTERMEDIATE AND EXPERIENCED USERS!

For example, Python developers can dive into Machine Learning



Front-end engineers get to write simpler code by catching up with backend stuff

I AM PERSONALLY FILLING IN THE GAPS
IN MY KNOWLEDGE ABOUT SERVERS
TO PREPARE FOR IMAGINE CUP
GLOBAL FINALS.

THERE ARE OVER

1,000 MODULES AND

OVER 200 LEARNING PATHS
ON MSLEARN,
AND THOSE NUMBERS
ARE GROWING!

□ ⊕



AND THOSE NUMBERS ARE GROWING!

ラーニング バス Azure App Servio を使用して Web サイトを Azure デブロイする 4 時間 37 分

Azure 開発者 初級

モジュール Azure Automation State Configuration を使用して仮想マシ ンの設定を保護する 54分 ★★★★ 47 (516)

Azure 管理者 初級

BECOMING AN IT ENGINEER WITH MSLEARN!



### From Imagine Cup Winners





Mio Okawa

Imagine Cup 2012 World Tournament 2nd prize winner

Microsoft Japan

Cloud Solution Architect

Imagine Cup is Microsoft's global technology competition very well known among the students! Winning a second place in Imagine Cup was trully the most exciting and memorable experience in my life. I think it was thanks to the enthusiasm, curiosily, and hunger for learning peculiar to when we are students. Take the chance and join Imagine Cup - it's a great experience guaranteed!

### Process and classify images with the Azure Cognitive Vision Services

Based on my experience, I would recommend this learning path. You will learn how to easily build interesting apps by using Image-related AI such as Face API that can analyze facial expression and age from pictures of human faces, or Computer Vision, which can detect objects in photos.





I am a Microsoft Learn Student Ambassador, and would like to share about this amazing student program that provides students with access to various Microsoft technologies and connects to global student community!

It really helped me to meet a lot of interesting people through organizing hackathons and advance my career. I was even able to form a team to enter ImagineCup and go to the Global Finals. Now it's your turn to win the championship and receive \$100k!!!



### Al business school for healthcare

I would recommend this learning path, which I completed while preparing for Imagine Cup myself.

There are AI business school learning pathes for other industries, as well!



Masaki Takeuchi

Imagine Cup 2020 World Tournament 3rd prize winner

Graduate School, Tokyo University



## **Popular Learning Paths**

if you are wondering where to start





You can create your own collections combining your favorite modules just like this one!

Tips

https://aka.ms/Intro-to-Dev

# First steps with Python



https://aka.ms/Python-First-Steps



https://aka.ms/AFUN-LP







https://aka.ms/Deploy-a-Website

## Machine learning crash course



https://aka.ms/ MLCrashCourse-LP



Evaluate text with Azure Cognitive Language Services





https://aka.ms/Azure-Cognitive-Language-Services-LP

illustrations by Ai Minatogawa

