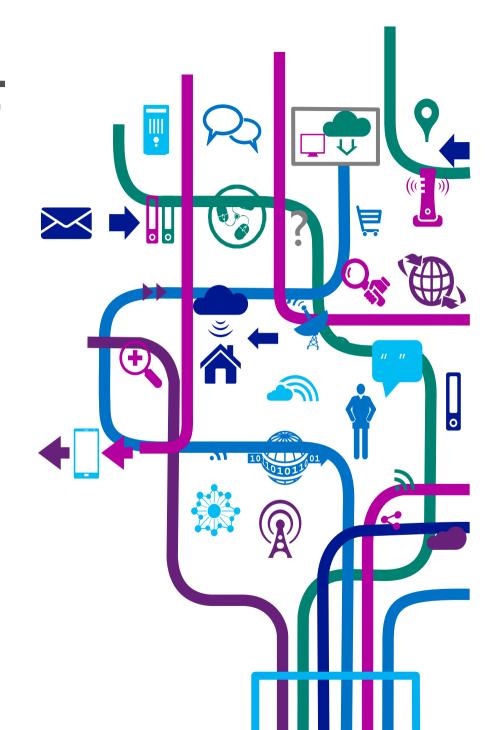
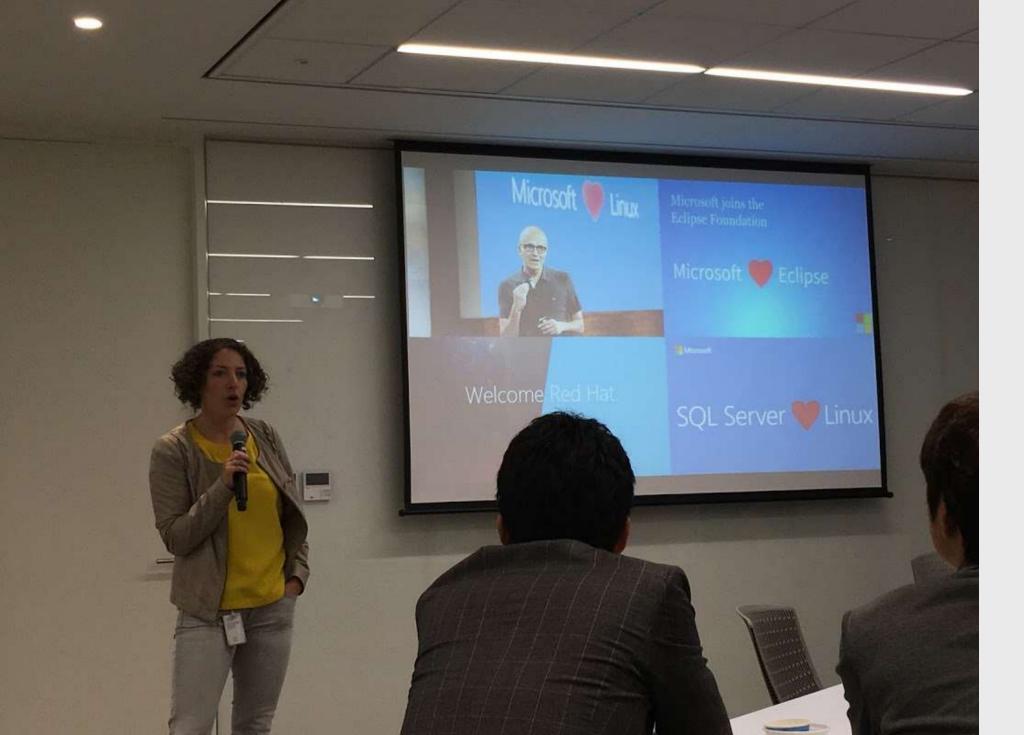
#### Microsoft의 오픈소스 기반 인공지능 플랫폼 구현 전략

김영욱 Technical Evangelist 부장/ CSE / Microsoft

youngwook@outlook.com Blog: Youngwook.com







# Microsoft **V**

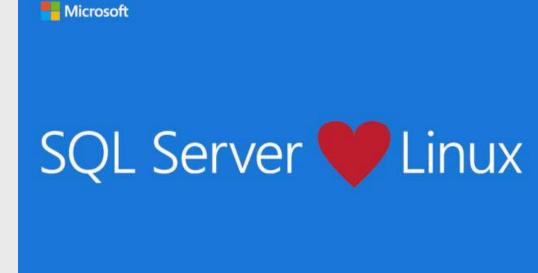








Learn more about our new partnership



# 











NTVS(Node.js Tools for Visual Studio)
RTVS(R Tools for Visual Studio)

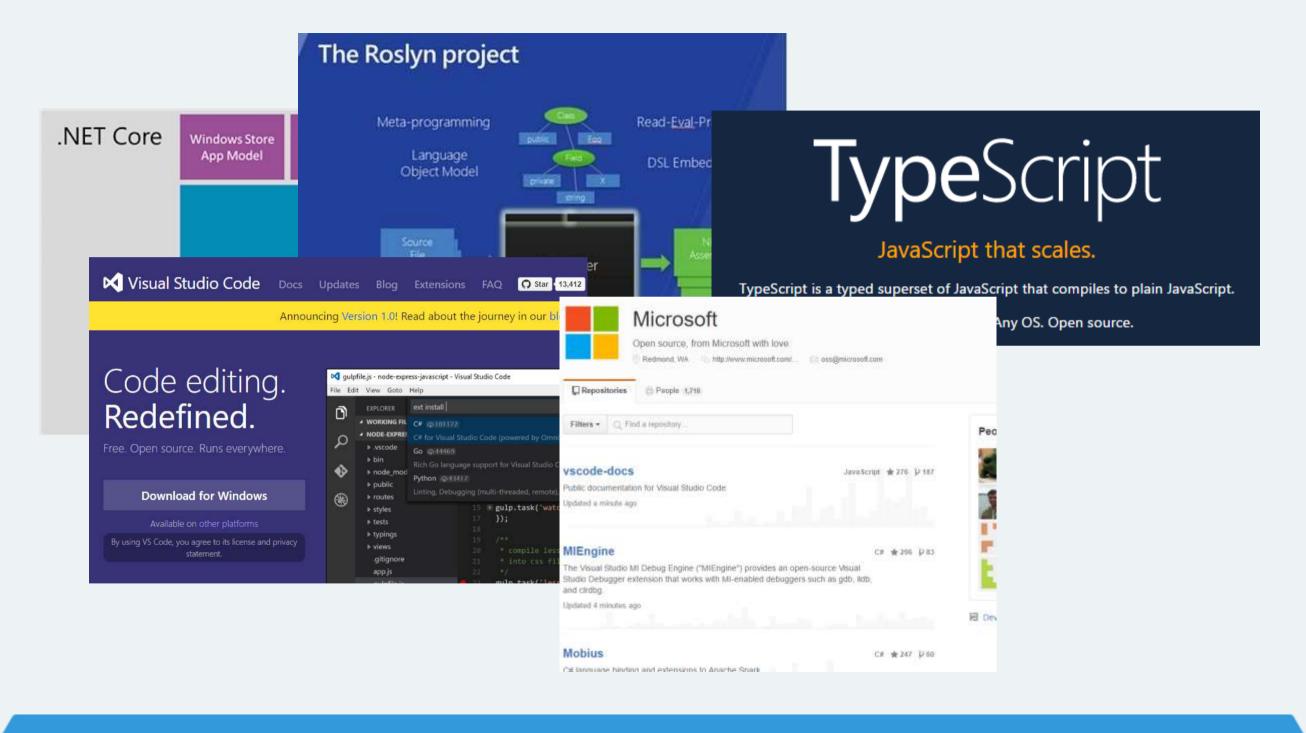


Visual C++ for Linux





# Microsoft is Open Source

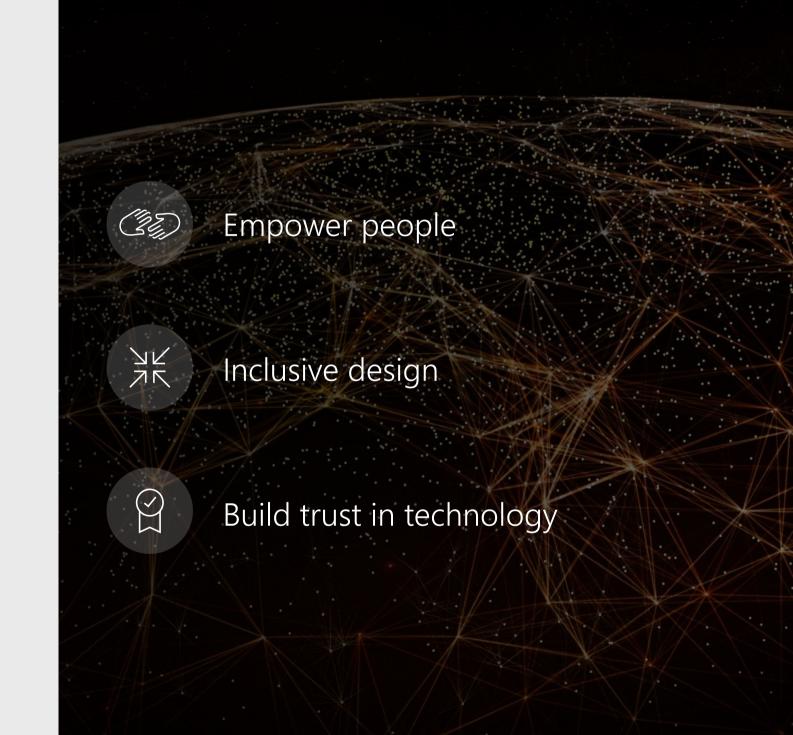




# Microsoft Build 2017



# Timeless values and principles



### Microsoft mission

Empower every person and every organization on the planet to achieve more



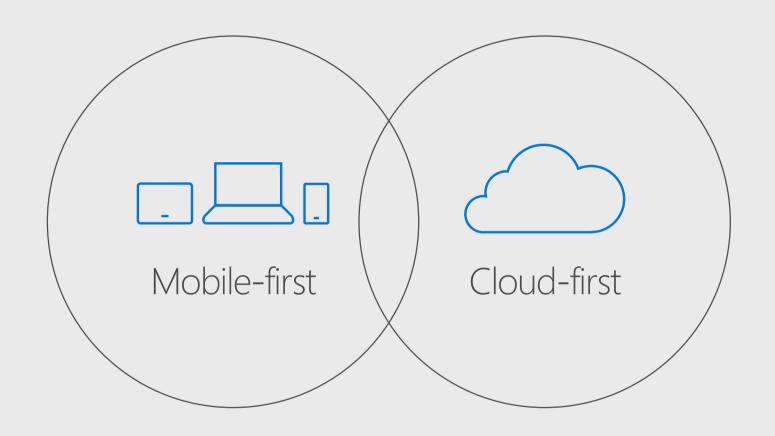














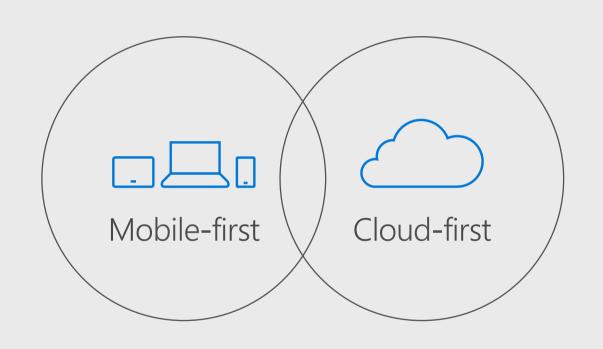
Windows 10 monthly active devices

#### 100 million

commercial Office 365 monthly active users

>140 million

Cortana monthly active users

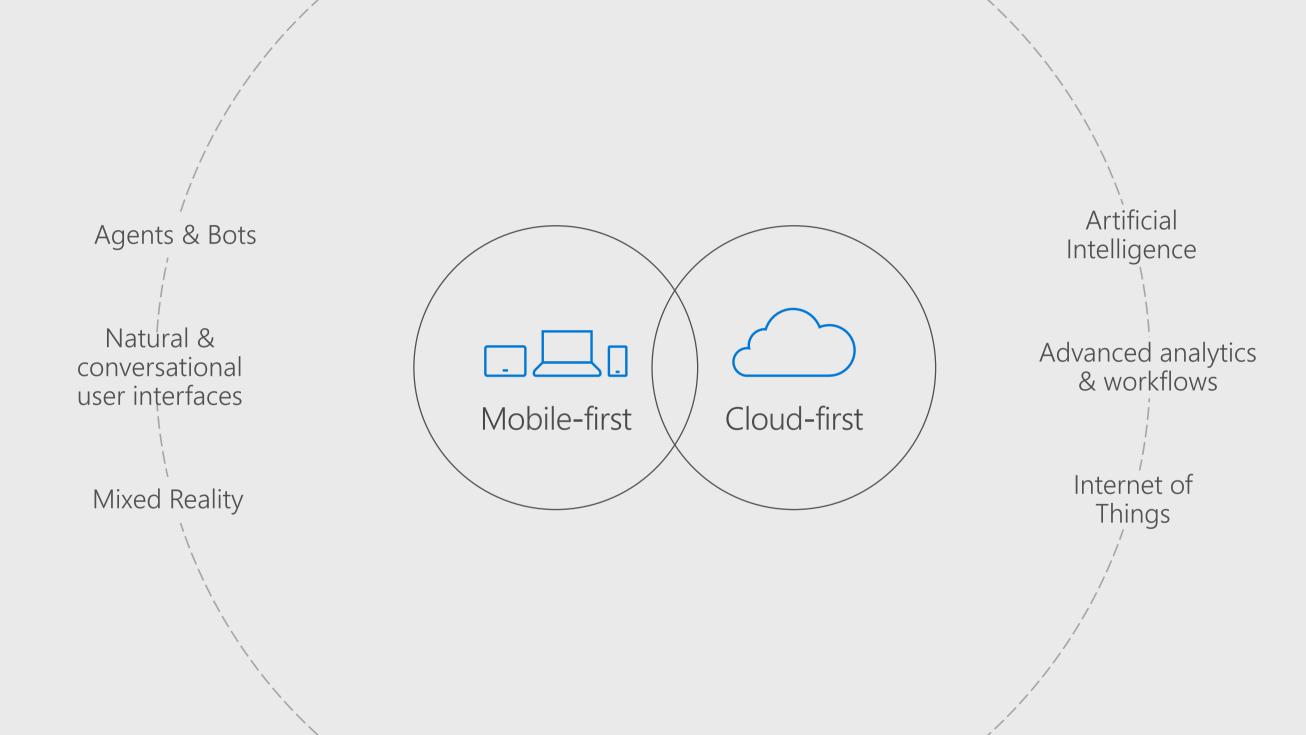


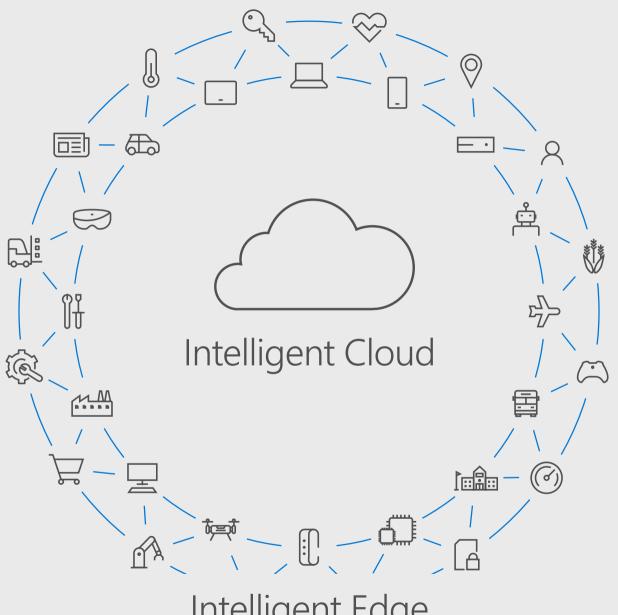
12 million

organizations in Azure Active Directory

>90%

Fortune 500 using Microsoft Cloud





Intelligent Edge



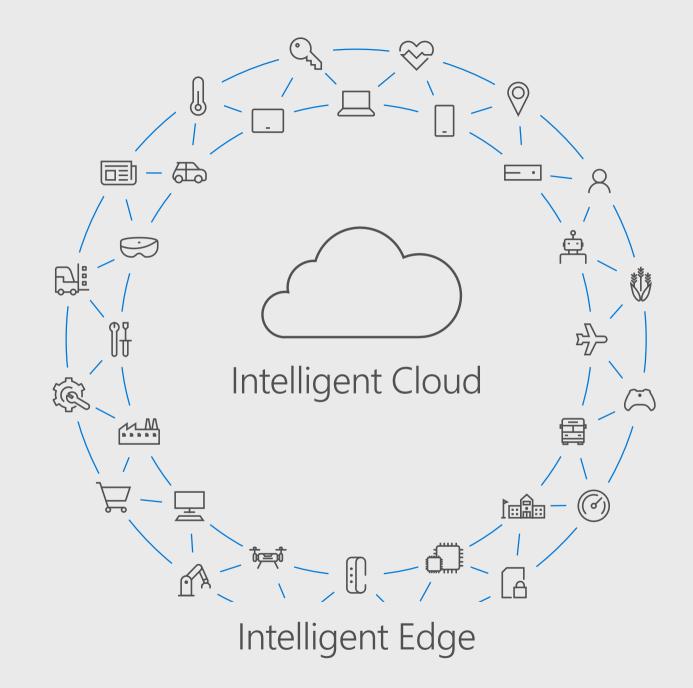
Multi-device



Artificial Intelligence

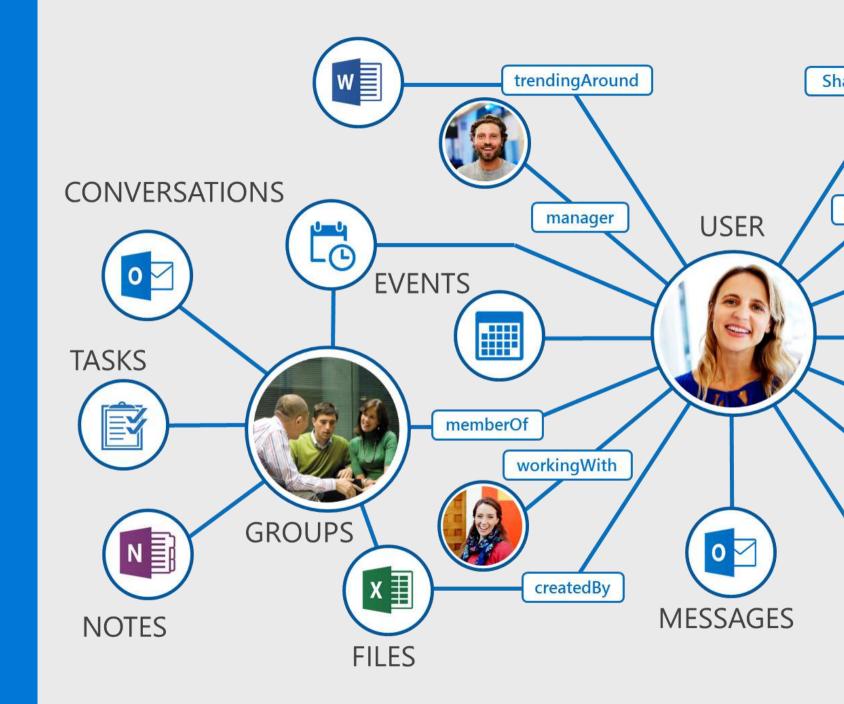


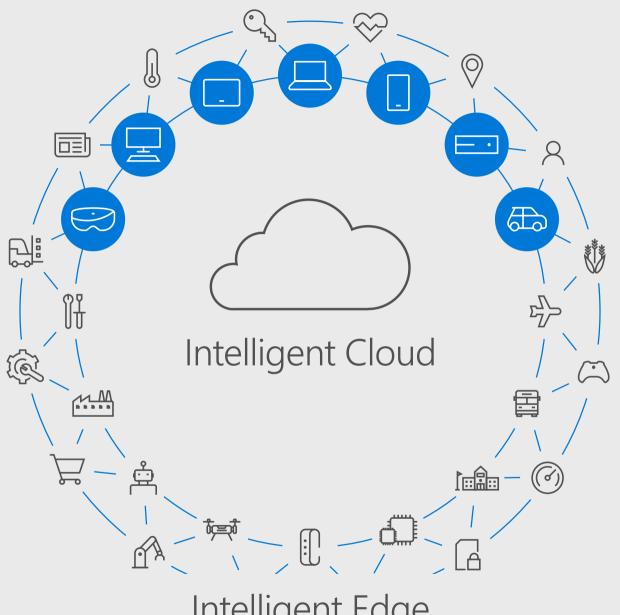
Serverless



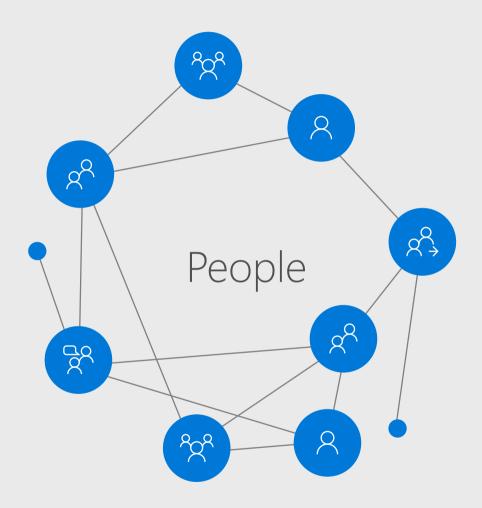


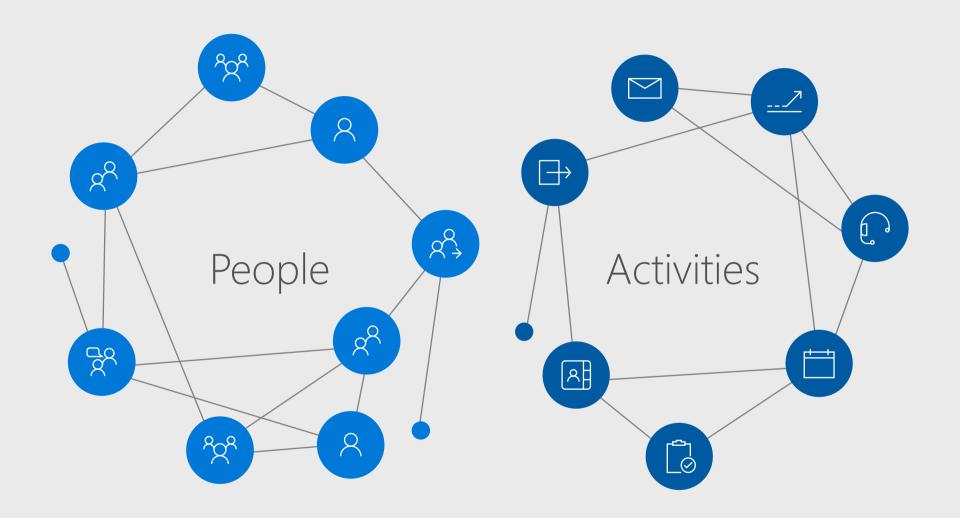
# Microsoft Graph

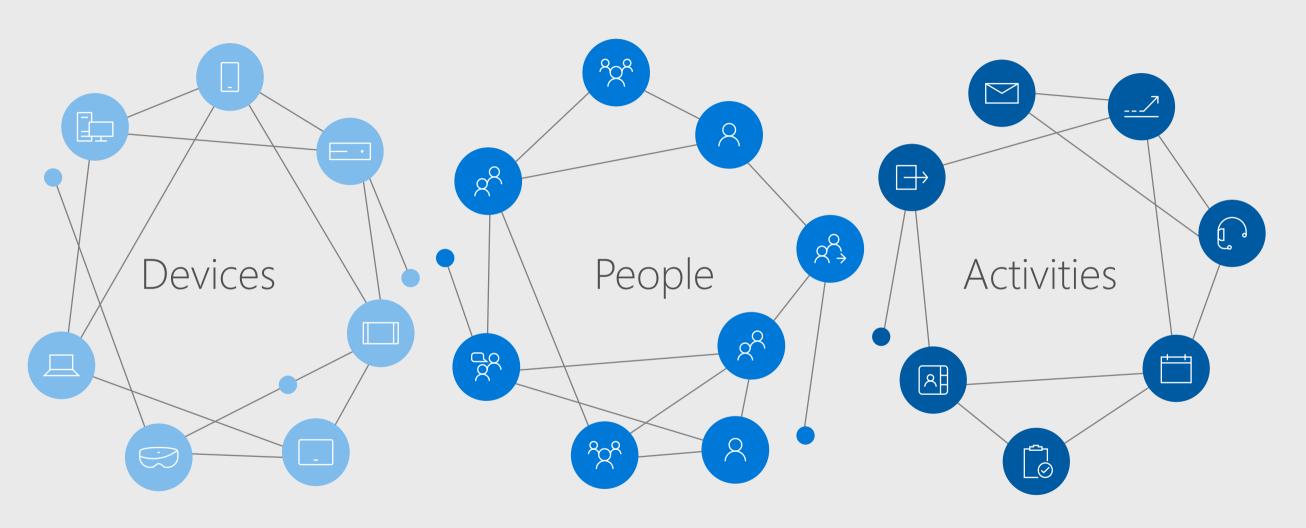




Intelligent Edge









Al for workplace safety



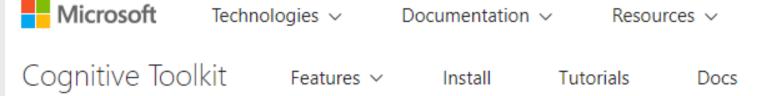








https://www.microsoft.com/en-us/cognitive-toolkit/



#### The Microsoft Cognitive Toolkit

A free, easy-to-use, open-source, commercial-grade toolkit that trains deep learning algorithms to learn like the human brain.

GET STARTED >

## New Cognitive



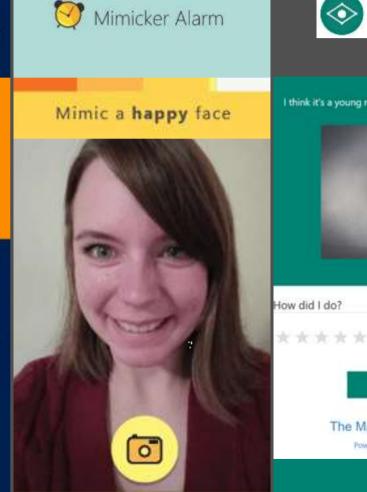


# Variety of Creative Apps











I think it's a young man jumping in the air on a skateboard





Try another

The Magic behind CaptionBot.ai

Powered by Microsoft Cognitive Services



## Cognitive Services



Text analytics

Web language model

Linguistic analysis

Spell check

Translator



Speaker recognition

Web search

Image search

Video search

News search

Autosuggest

Academic knowledge Entity linking service Knowledge exploration Recommendations QnA maker

Computer vision

Face

**Emotion** 

**Content Moderator** 

Video

NEW

Video Indexer

**Cognitive Services Labs** 



Speech



# Cognitive Services



Vision



Language



Speech



Search



Knowledge

Computer vision

Face

Emotion

**Content Moderator** 

Video

NEW

Video Indexer

NEW

**Cognitive Services Labs** 

Text analytics
Spell check

Web language model

Linguistic analysis

Translator

Speaker recognition

Speech

Web search

Image search

Video search

News search

Autosuggest

Academic knowledge

Entity linking service

Knowledge exploration

Recommendations

QnA maker

NEW Custom

Vision Service

Custom

Language Understanding Custom

Speech Service

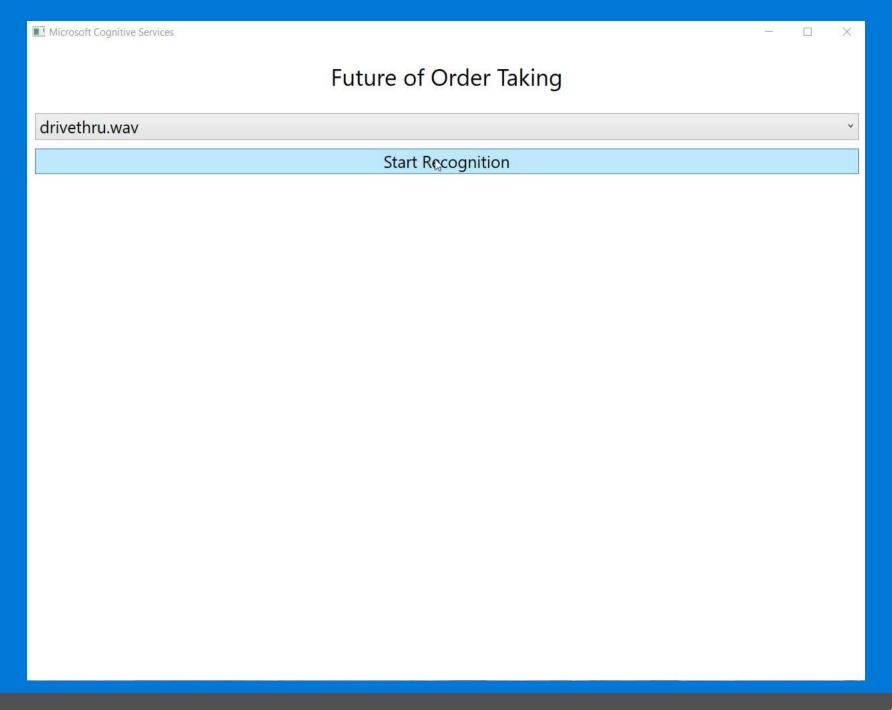
NEW Custom

Search

NEW Custom

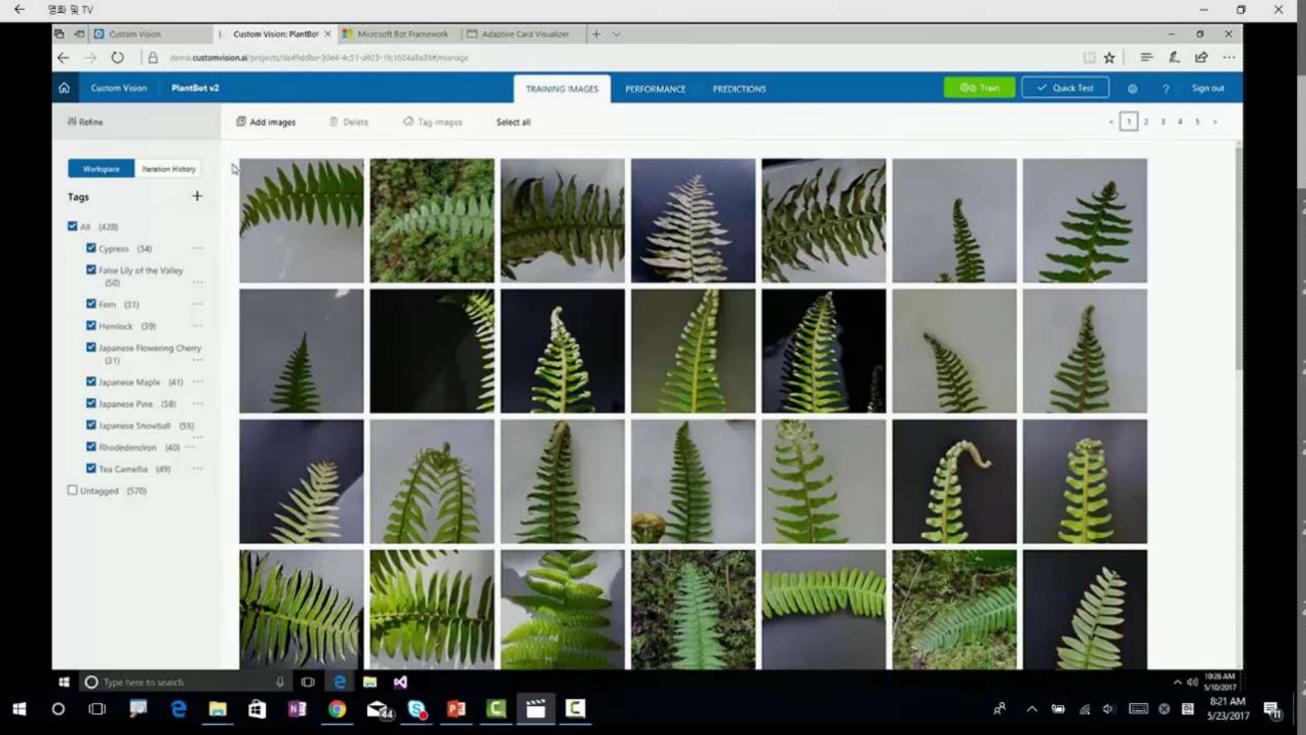
**Decision Service** 





Video Indexer





#### Azure + Al

# Cognitive Toolkit TensorFlow

Data platform

Data Lake

NEW

Cosmos DB

**SQL** Server

Caffe

ervices

#### **Tools**

Visual Studio | Azure Machine Learning | Bot Framework Cognitive Toolkit | TensorFlow | Caffe

