

“네가 이 세미나를 듣는다고 Cognitive를 쓸 수 있을 것 같으냐?”

Azure Web App과 Cognitive API를 활용하여
사진 인식 웹 앱 만들기

Microsoft Student Partners

자몽팀

● Session 1

- Cognitive API
- Azure
- 경품 Event
- 사전 설치

● Session 2

- Cognitive Emotion API로 표정 변화 서비스 만들기
- Tool : Azure Web App(with JavaScript, html, CSS)/ Cognitive API
- 예제 코드와 함께 동시 실습 진행.

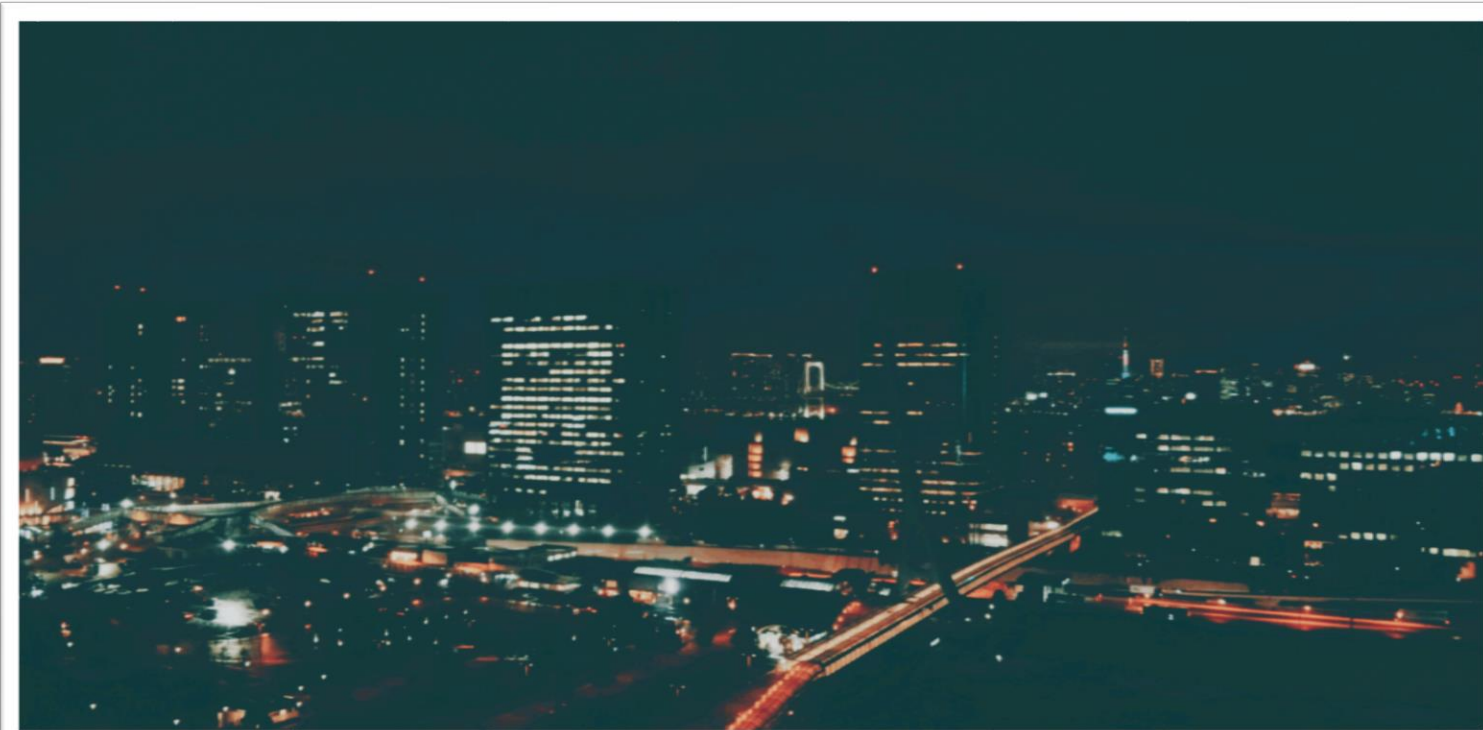
● Session 3

- Cognitive Computer Vision API로 페이스북 태그 생성기 만들기.
- Tool : Azure Web App(with JS, html, CSS)/ Cognitive API / Facebook API
- 예제 코드와 함께 동시 실습 진행.



9cam – 막 찍어도 인생샷

9개의 세련된 필터로 촬영할 수 있는 카메라 어플!
카메라 어플 최다 리뷰!!





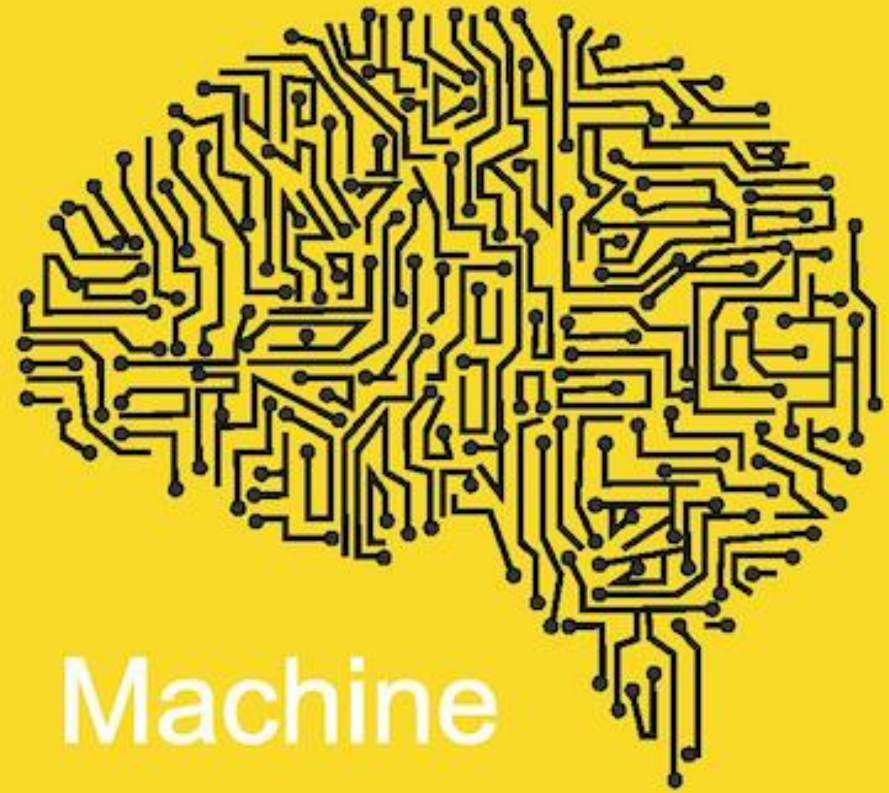
Microsoft의 학생 파트너 MSP(Microsoft Student Partner)

- **학생 에반젤리스트**(Evangelist) IT에 열정이 많고 재능을 가진 학생들이 Microsoft의 기술, 플랫폼, 서비스 등을 전파하는 학생 전도자
- 전세계의 MSP 네트워킹하며 MS의 기술을 전파
- Microsoft MSDN (Microsoft Developer Network) 구독

Evangelist (영) 전도사

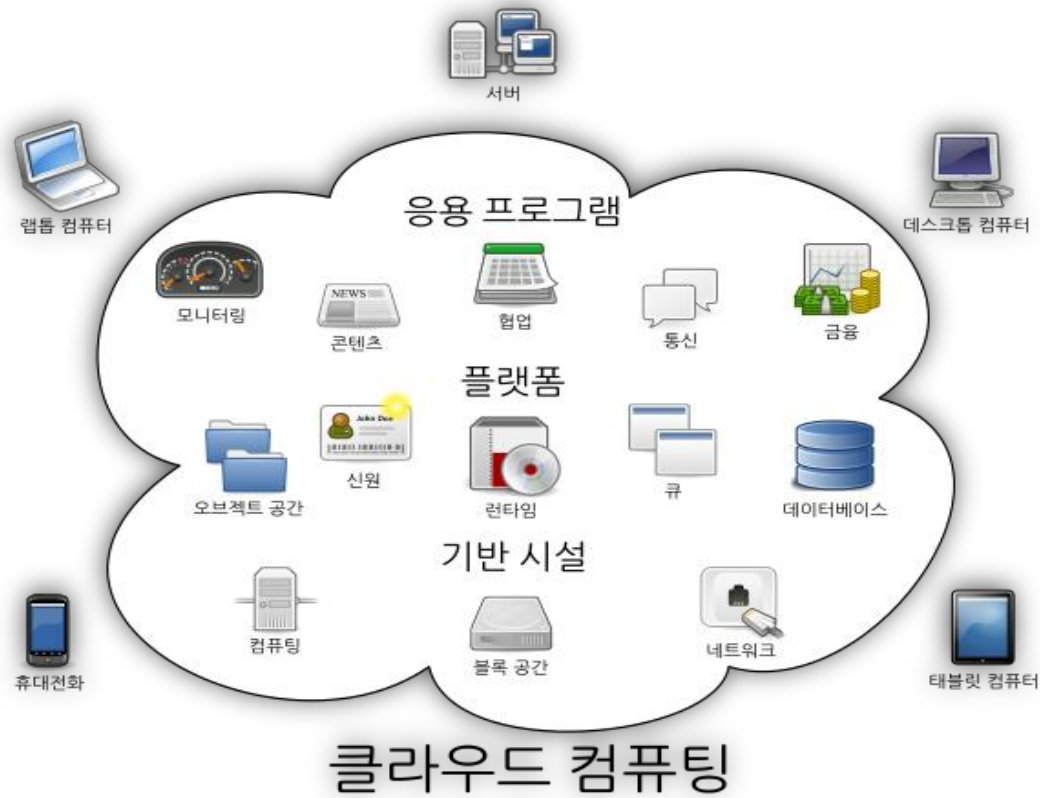


Human



Machine

클라우드



클라우드: 구름이 하늘위에 어딘가 떠 있는 것 처럼, 어딘가에 있는 서버 공간을 빌려 쓴다는 개념.

클라우드 서비스

- Microsoft Onedrive, 네이버 N드라이브, 구글 드라이브
- Azure, AWS, Google Cloud

클라우드

- 3가지 서비스 모델

IAAS(Infrastructure as a Service)

PAAS(Platform as a Service)

SAAS(Software as a Service)

- 4가지 배포 모델

Public Cloud

Private Cloud

Hybrid Cloud

Community Cloud

- 5가지의 특성

On-demand usage

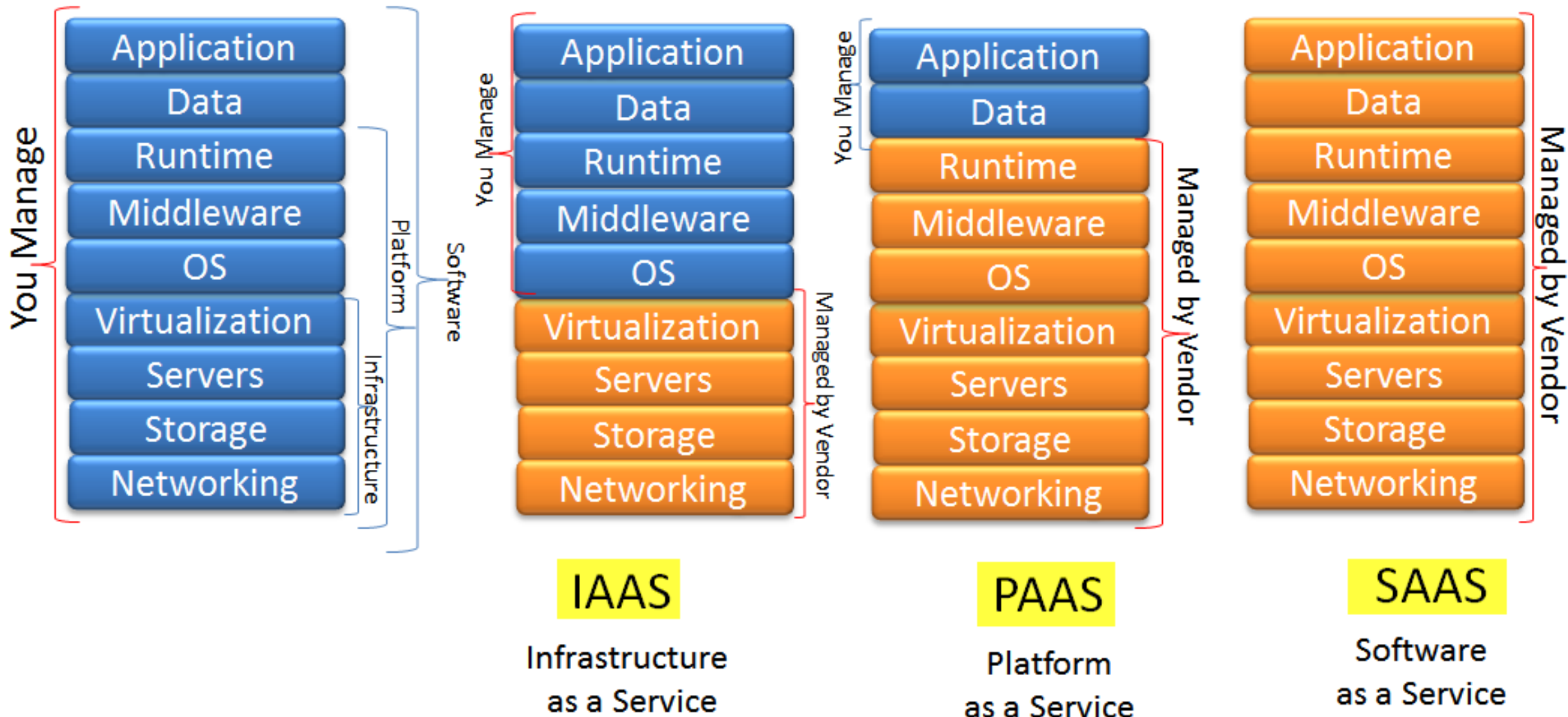
Ubiquitous access

Multitenancy(and resource pooling)

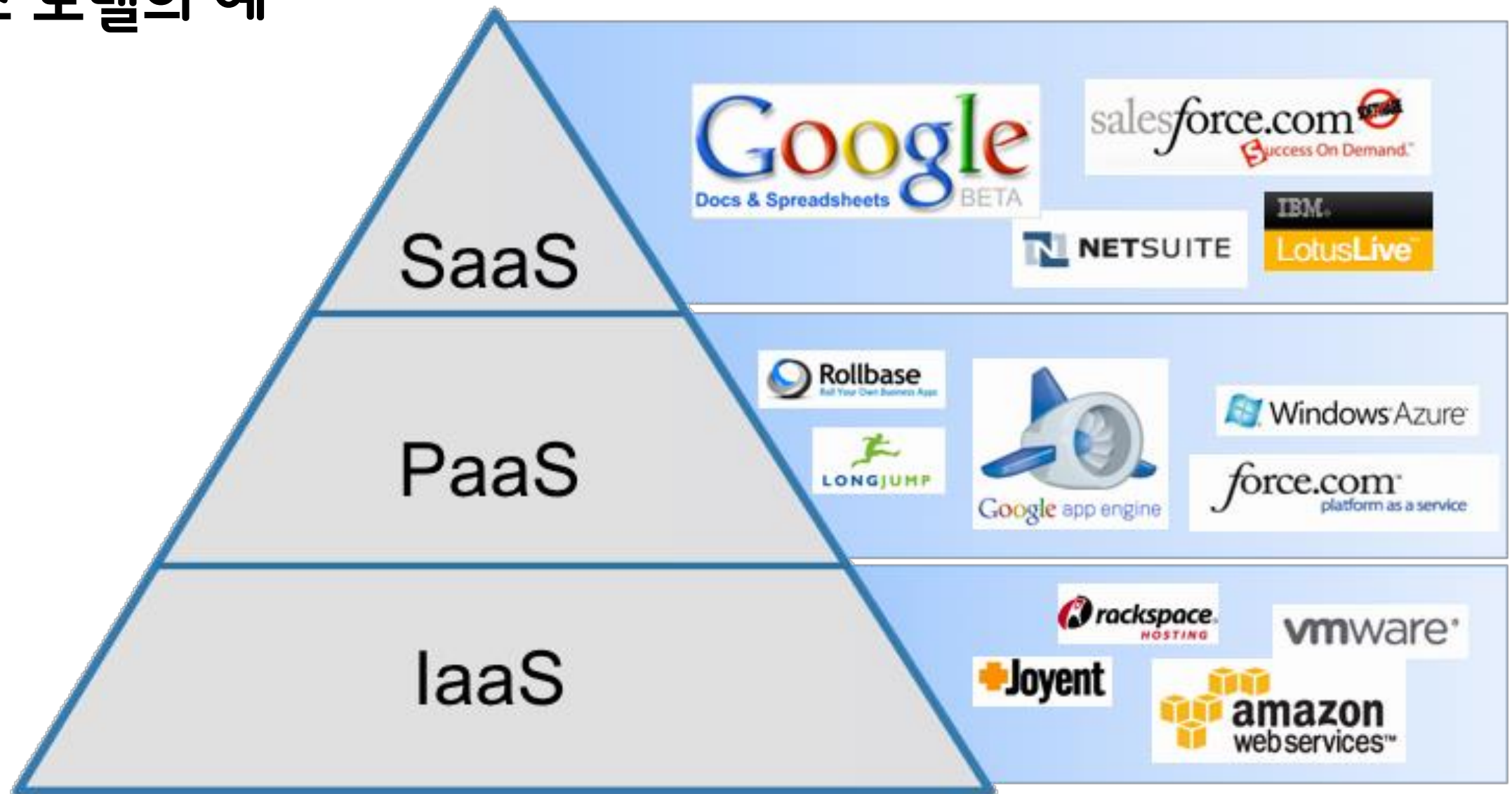
Elasticity

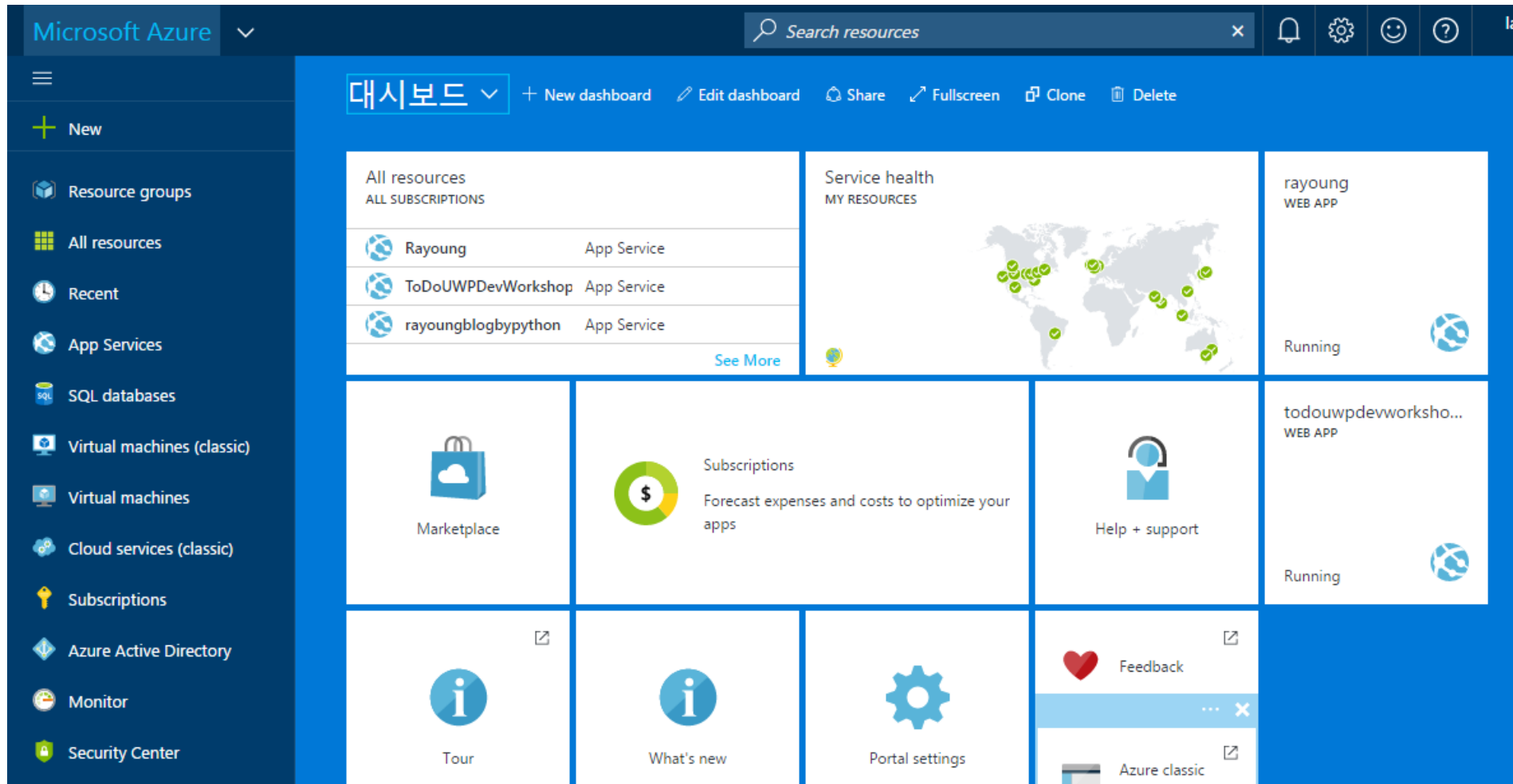
Measured usage

3가지 서비스 모델



서비스 모델의 예





Azure: Microsoft의 클라우드 컴퓨팅 플랫폼

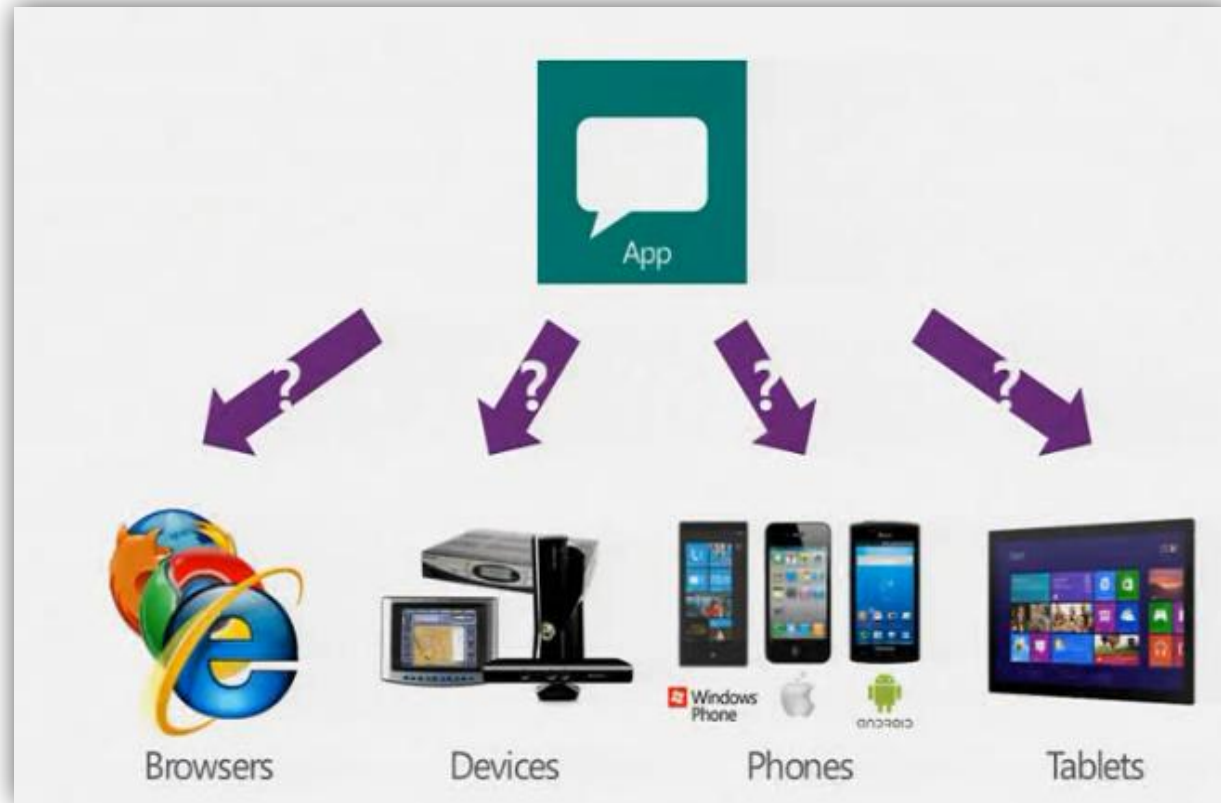
플랫폼: portal.azure.com

WebApp = Web(Web Page) + App(Application)

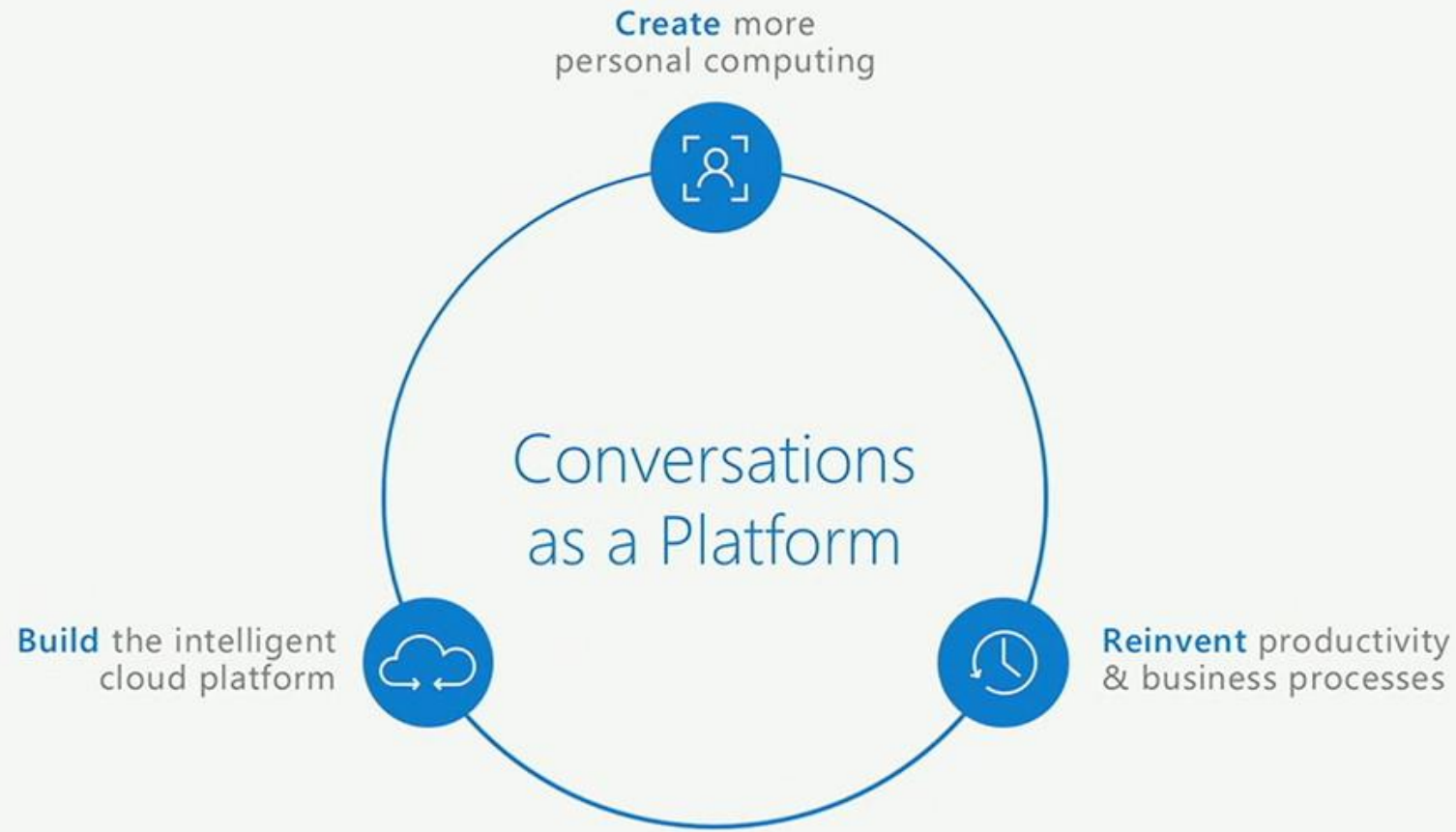


Cognitive API

API란?






Conversation as a Platform



Cognitive Services

microsoft.com/cognitive

 Vision	 Speech	 Language	 Knowledge	 Search
Computer Vision	Custom Recognition	Bing Spell Check	Academic Knowledge	Bing Web Search
Emotion	Speaker Recognition	Linguistic Analysis	Entity Linking	Bing Image Search
Face	Speech	Language Understanding	Knowledge Exploration	Bing Video Search
Video	Translator	Text Analytics	Recommendations	Bing News Search
		WebLM		Bing Autosuggest

Cognitive API

<https://youtu.be/R2mC-NUAmMk?list=PLD7HFcN7LXRdHkFBFu4stPPeWJcQ0VFLx>



Cognitive API 활용하기 1

<https://www.captionbot.ai/>

Microsoft

CaptionBot



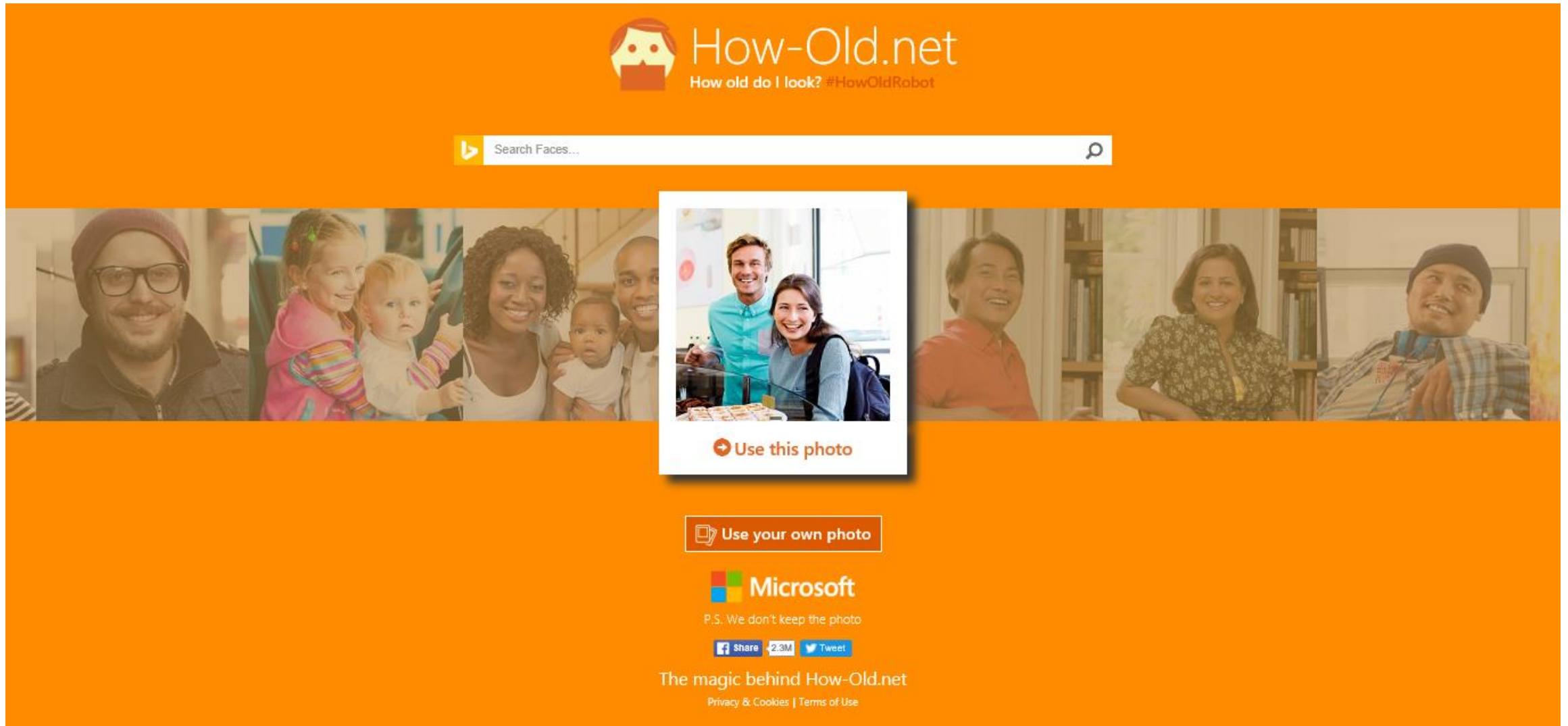
I can understand the content of any photograph and I'll try to describe it as well as any human. I'm still learning so I'll hold onto your photo but no personal info.



경품 EVENT!!

Cognitive API 활용하기 2: How old do I look?

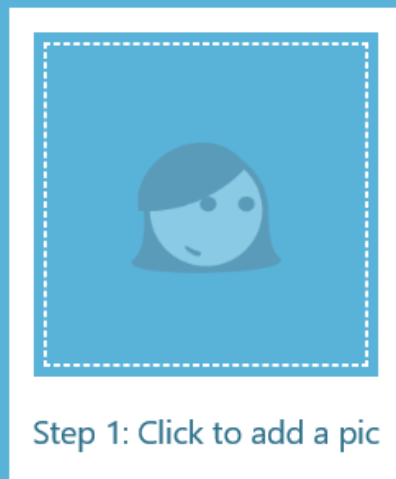
<http://how-old.net/>



경품 EVENT!!

Cognitive API 활용하기 3: Are you twins?

<https://www.twinsornot.net/>



P.S. We'll only use your photos for the game unless you say we can keep them to improve. [Learn more](#)

Find out more about TwinsOrNot.Net

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① Microsoft Azure WebApp 시험판 사용 방법

<https://azure.microsoft.com/>

② Microsoft Cognitive API Key 받기

<https://www.microsoft.com/cognitive>

본격적인 사진 인식 웹앱(Web + App)만들어 볼까요? 😊

10분 뒤에 자리에 앉아주세요~



Microsoft

X

