마이크로소프트 AI 로드맵

최영락

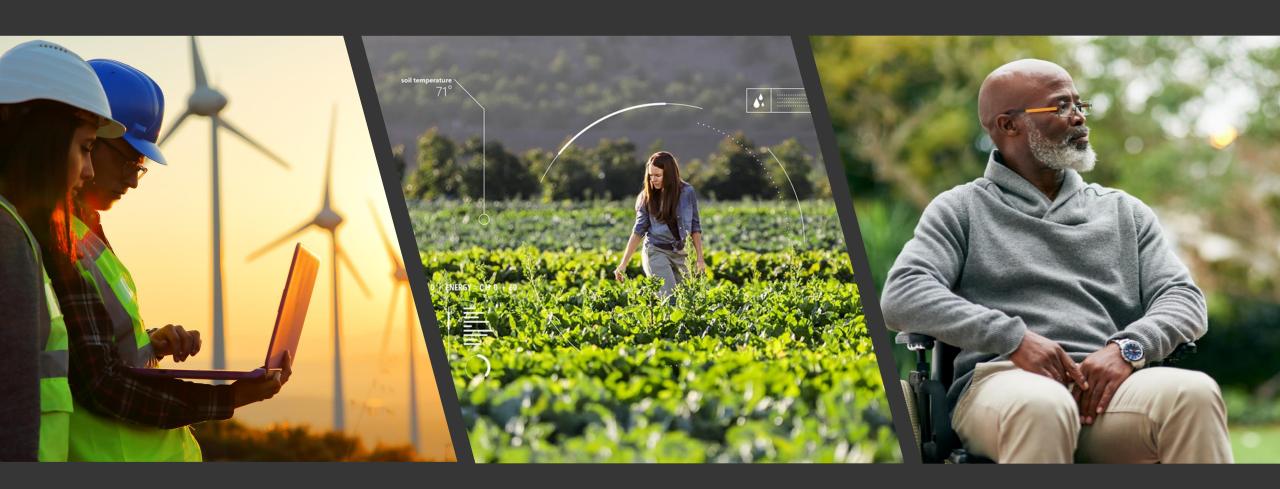
한국마이크로소프트

Global A Bootcamp

Seoul, Korea (Dec 14, 2019)

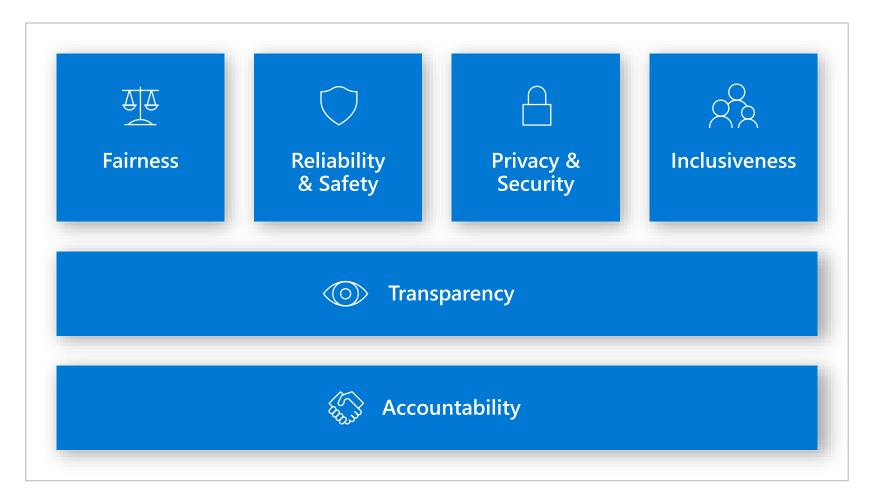


Al will have a considerable impact on business and society as a whole



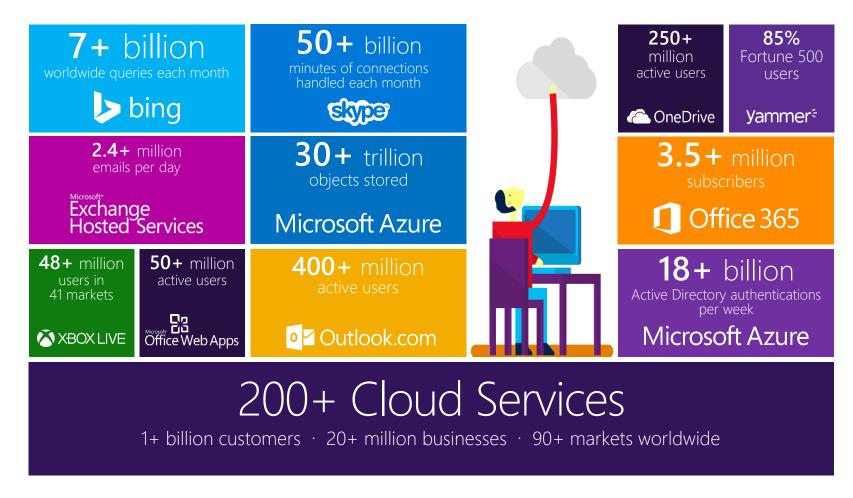


Microsoft's Al Principles



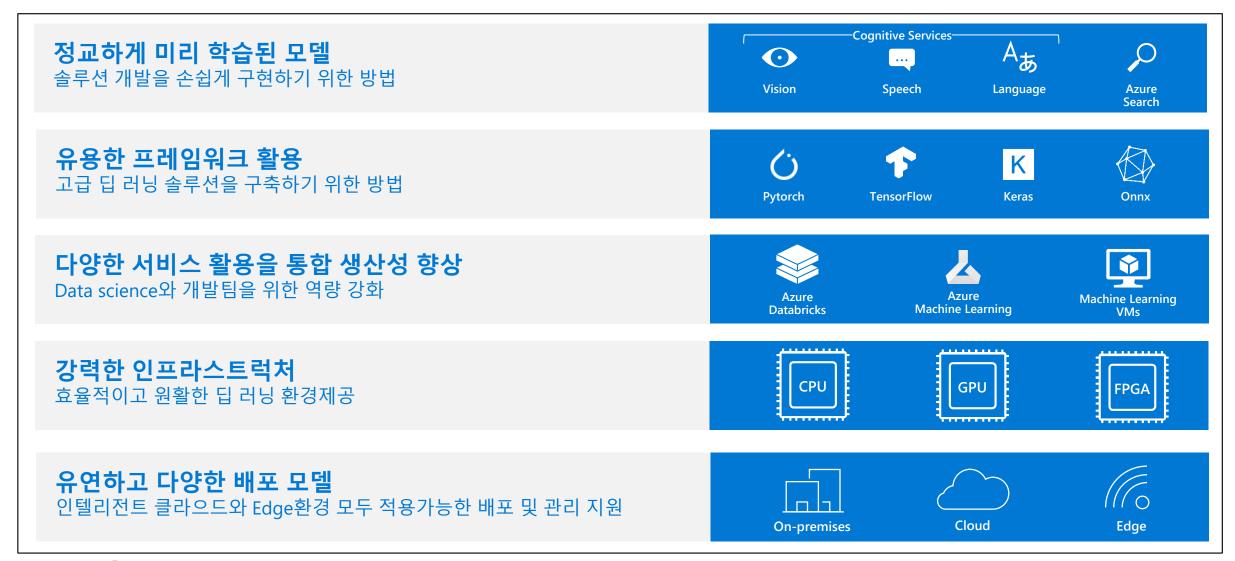


다양한 Microsoft 서비스 (& 다방면으로 추가되는 AI 기능)



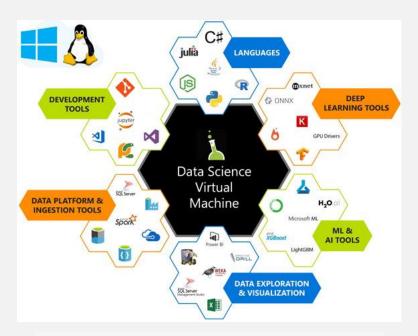


Azure Al

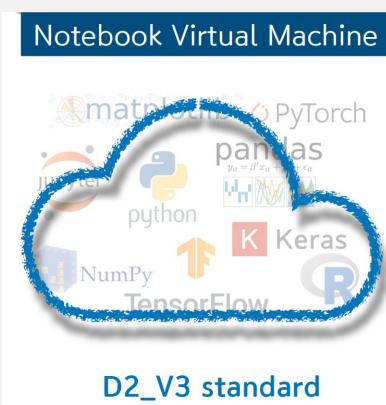




Azure DSVM / VM 사용 CPU based vs. GPU based (가격: 미국 동부기준)

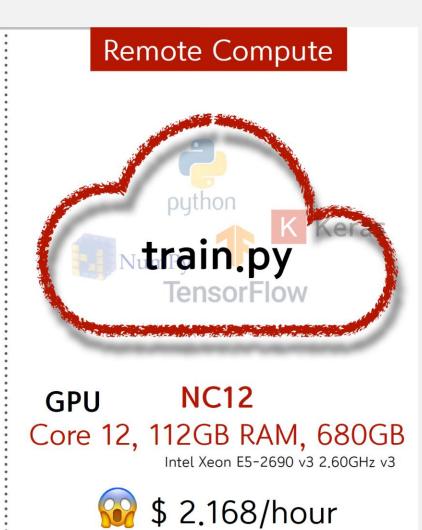






D2_V3 standard vCPU 2, 8GB RAM, 50GB





누구나쉽게 할 수 있는 Azure AI 활용



문화에서 보편적으로 의사 소통하는 것으로 이해됩니다. 실제 작동되는 방식을 확인해보세요. 경멸 역겨움 두려움 행복 이미지 URL 14 仚 북마크 뒤로 앞으로

감지되는 감정은 분노, 경멸, 역겨움, 두려움, 행복, 중립, 슬픔

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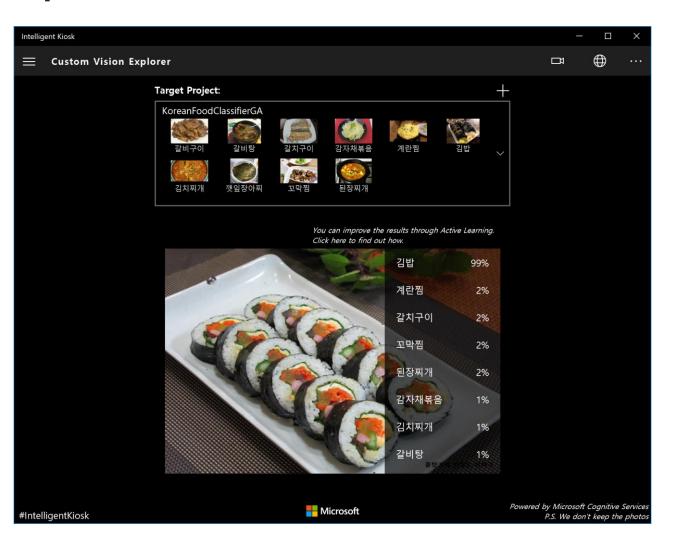
azure.microsoft.com



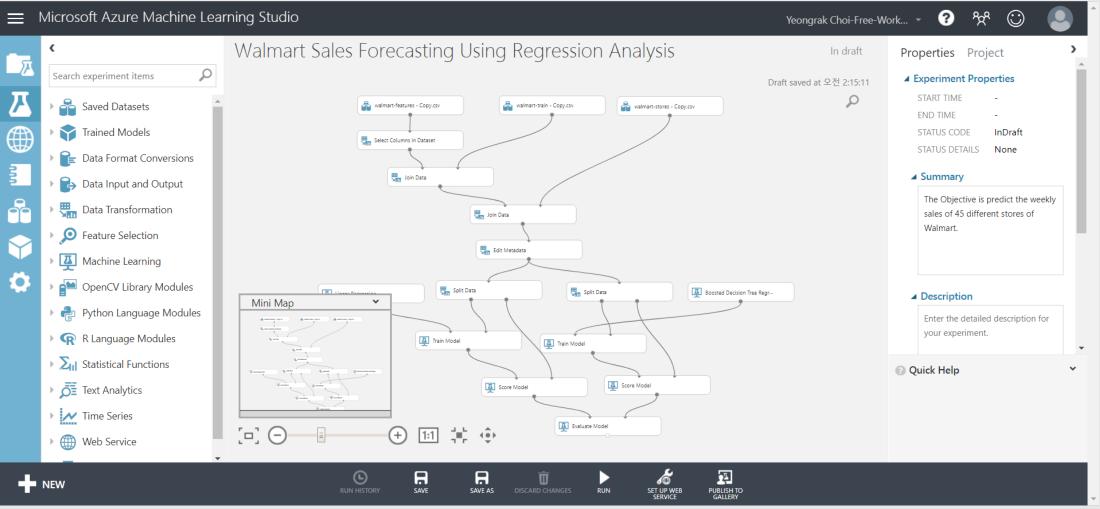
쉽게 AI 모델 자체 제작

Intelligent Kiosk Custom Vision

https://youtu.be/P5h8fE2UAXM

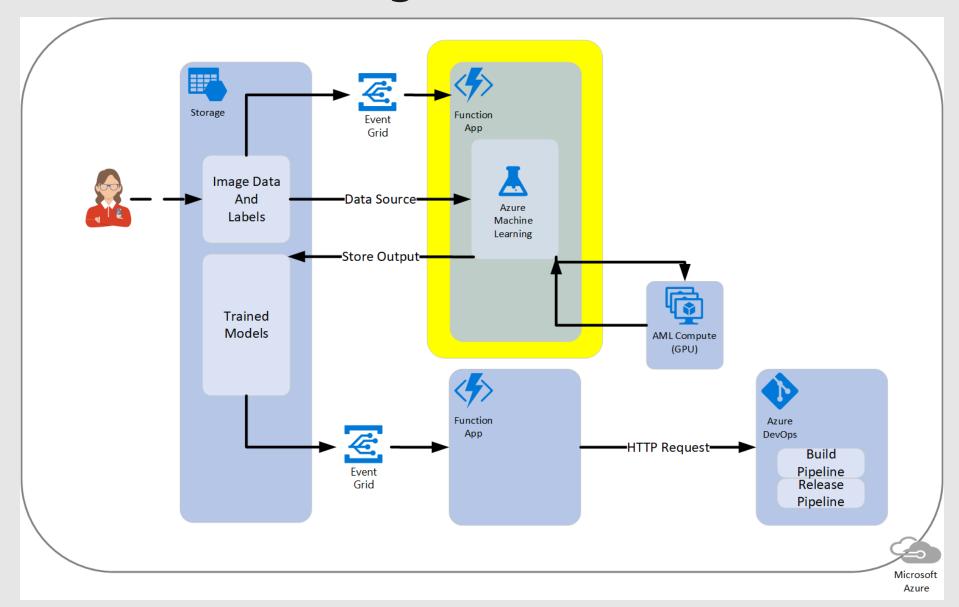


Azure Machine Learning Studio



Implementing machine learning by yourself on "Studio"!

Azure Machine Learning 서비스를 활용한 아키텍처



Cognitive Service Customized Cognitive Service

Azure ML Studio

Azure ML service





Microsoft AI: 어디에서부터 시작해야할 것인가?

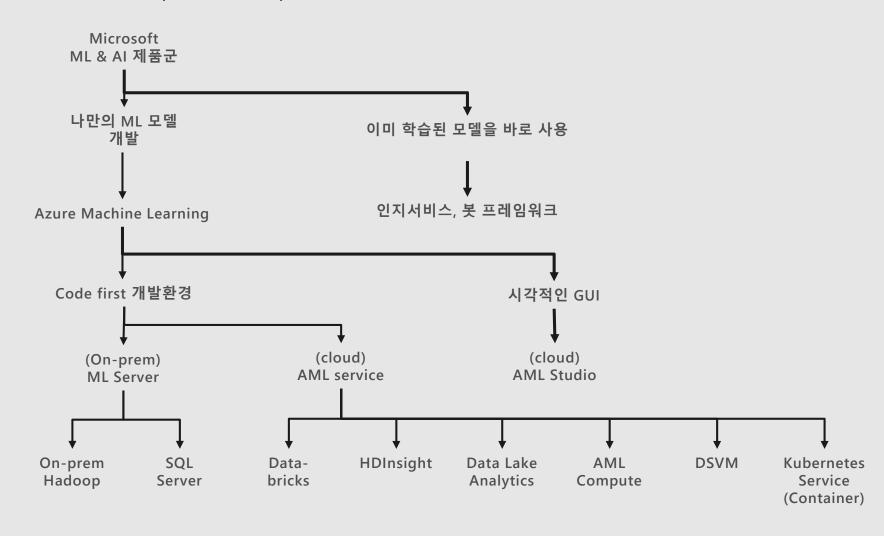
접근 시나리오 및 선호하는 개발환경/배포위치/활용엔진에 따라서 최적의 솔루션을 선택합니다.

이미 학습된 모델을 사용할 것인가, 나만의 ML 모델을 개발할 것인가

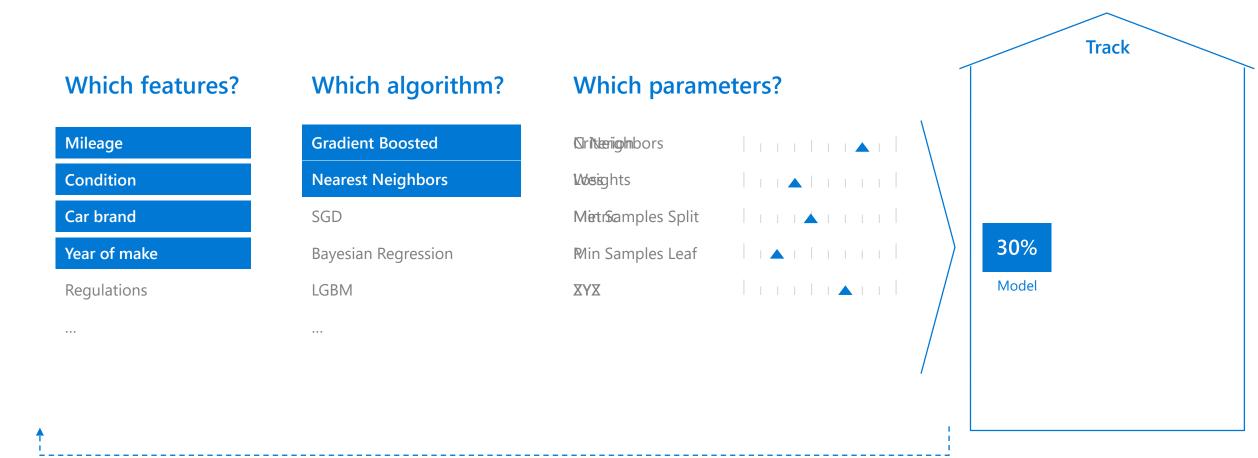
선호하는 개발 환경은?

배포 타겟

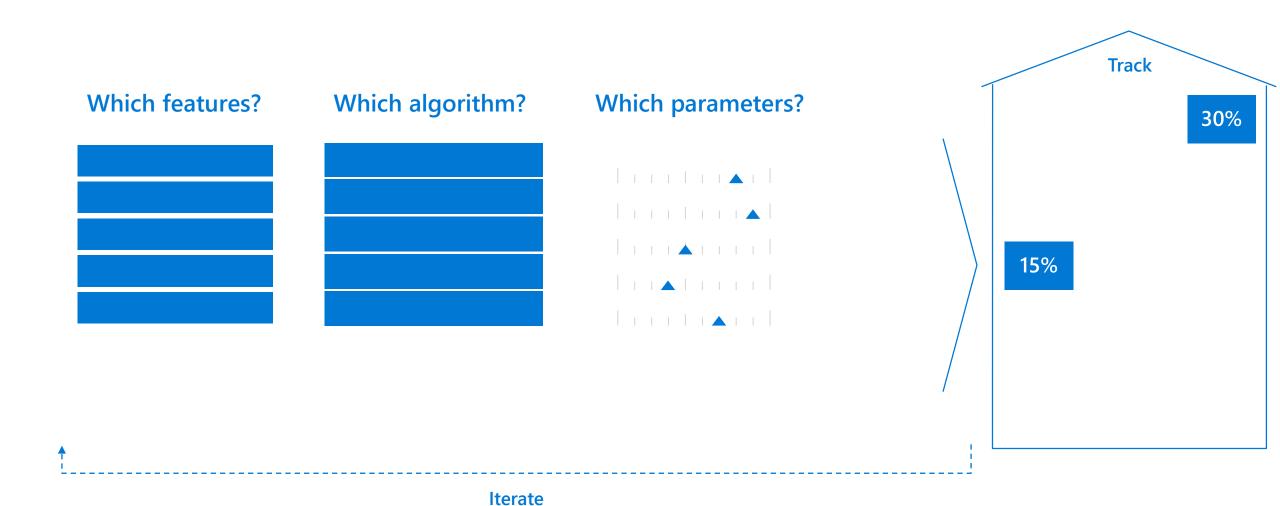
사용하고자 하는 엔진은?

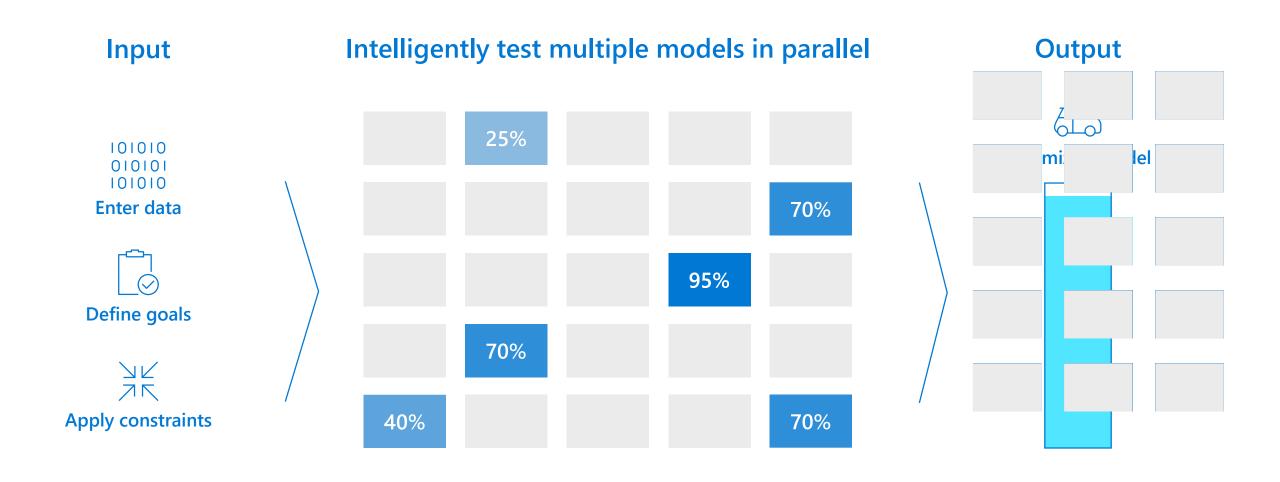


	Which features?	Which algorithm?	Which parameters?	
Mileage	Gradient Boosted	Eaitæmie ter 1		
Condition	Nearest Neighbors	Passmeter 2		
Car brand	SVM	Raira Gærteprlês Split		
Year of make	Bayesian Regression	Raira Særteples Leaf		30%
Regulations	LGBM	Qthers		Model

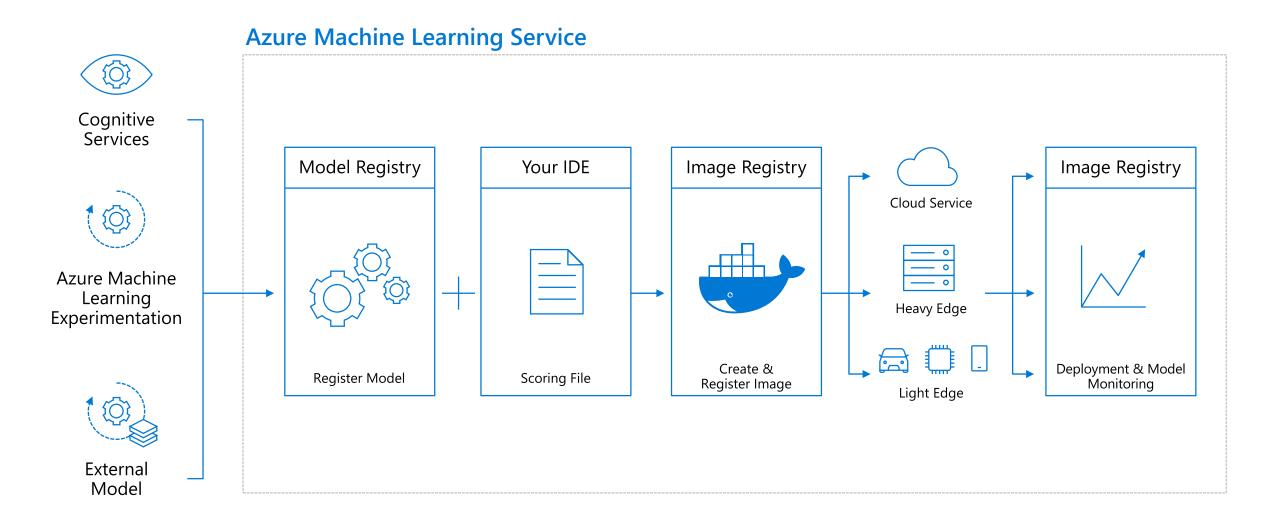


Iterate



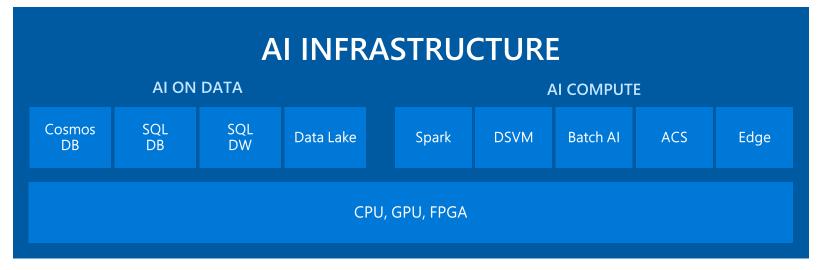


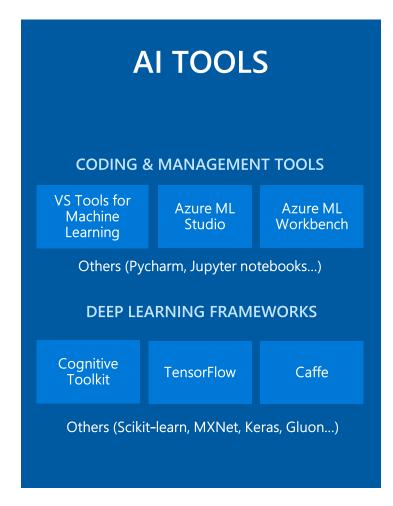
Production 확장도 충분한 Azure ML 서비스

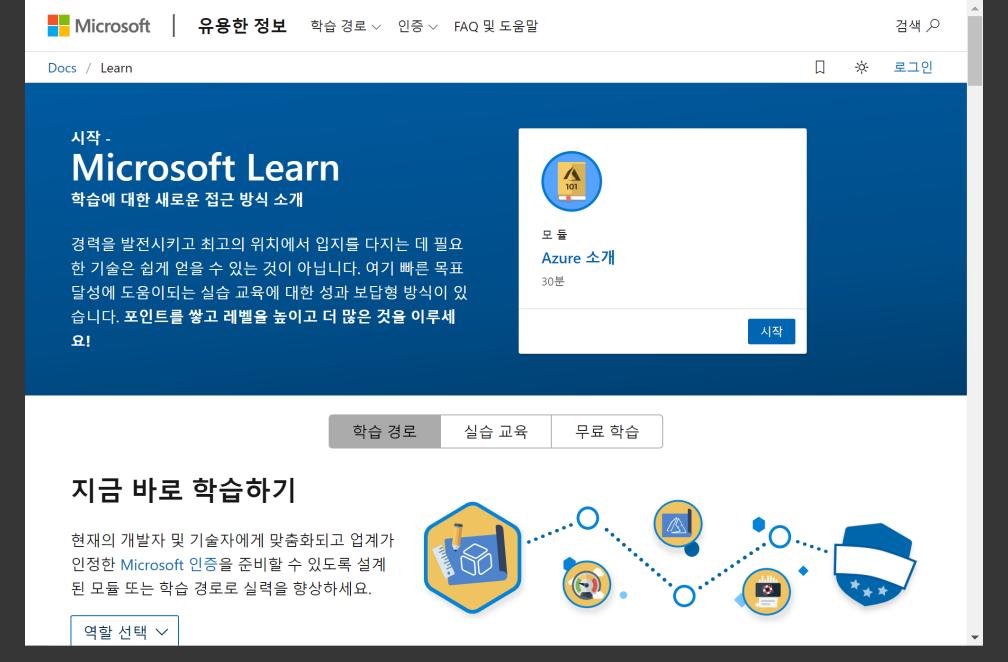


Microsoft Al Platform: Azure + Al











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