

# Big Data and AI HW 1\_6238077121

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HW1:

Tell me the name of representative **cloud AI service** the following companies provide

- Amazon
- IBM
- Microsoft
- Google
- Alibaba
- Line

**Tell me the name of representative cloud AI service the following companies provide**

Amazon: Amazon Web Services

- Computer vision
  - Amazon Rekognition
  - Amazon Lookout for Vision
  - AWS Panorama
- **Automated data extraction and analysis**
  - Amazon Textract
  - Amazon Comprehend
  - Amazon A2I
- Language AI
  - Amazon Lex
  - Amazon Transcribe
  - Amazon Polly
- Improve customer experience
  - Amazon Kendra
  - Amazon Personalize
  - Amazon Translate
- Business metrics
  - Amazon Forecast
  - Amazon Fraud Detector

- Amazon Lookout for Metrics
- Code and DevOps
  - Amazon DevOps Guru
  - Amazon CodeGuru Reviewer
  - Amazon CodeGuru Profiler

#### IBM: IBM Cloud

- IBM Watson Assistant
- IBM Watson Discovery
- IBM Watson Speech to Text
- IBM Watson Text to Speech
- IBM Watson Natural Language Understanding

#### Microsoft: Microsoft Azure

- Azure Machine Learning
- Azure Bot Service
- Azure Cognitive Services
- Azure Databricks
- Azure HDInsight
- Azure Search

#### Google: Google Cloud Platform

- AutoML
- Cloud AI Platform
- Cloud Natural Language
- Cloud Translation
- Cloud Vision
- Cloud Speech-to-Text
- Cloud Text-to-Speech

#### Alibaba: Alibaba Cloud

- EI (Enterprise Intelligence)
- Machine Learning Platform for AI
- Intelligent Speech Interaction
- Machine Translation
- Intelligent Service Robot

#### LINE: LINE Clova (Cloud Virtual Assistant)

- myBridge (OCR)
- LINE Kantan Help (Chat bot)