



CLOUD COMPUTING APPLICATIONS

Cloud Machine Learning: Unstructured Data
Prof. Reza Farivar

Cloud Machine Learning for Unstructured Data

- Vision
- Voice
- Language

Cloud Computing Applications
Copyright R. Farivar
All Rights Reserved

Vision-based ML services

- AWS
 - Rekognition
 - Textractor
- Azure
 - Form Recognizer
 - Computer Vision
 - Face
 - Ink Recognizer
 - Video Indexer
 - Bing Visual Search
 - Bing Image Search
 - Bing Video Search
 - Kinect SDK
- Google
 - Vision AI
 - Video AI
- IBM
 - Watson Visual Recognition

Voice-based services

- Amazon
 - Polly
 - Transcribe
 - Translate
 - Lex
- Google
 - Cloud Speech-to-Text API
 - Cloud Text-to-Speech API
- Microsoft Azure
 - Speech to Text
 - Text to Speech
 - Speech Translation
- IBM
 - Watson Speech to Text
 - Watson Text to Speech

Natural Language Services

- Amazon Azure
 - Comprehend
 - Polly
 - Lex
- Microsoft
 - Language Understanding
 - QnA Maker
 - Translator Text
 - Immersive Reader
- Google
 - Natural Language
 - Translation
- IBM
 - Watson Natural Language Classifier
 - Watson Language Translator
 - Watson Knowledge Studio