Machine Learning Services

[**Some services:**](#_4wsnnhhc1s67) **2**

[Rekognition](#_17g8ad83pup2) 2

[Features:](#_wcmp8zjdtl7) 2

[Comprehend](#_aa50vxf8xoce) 2

[Features:](#_skllrgqplz1e) 2

[Polly](#_jr8az55wd414) 2

[Features:](#_459f6fwlorog) 2

[SageMaker](#_htmetsj524i4) 2

[Features:](#_gpd3uspi9x8f) 2

[Translate](#_i8wew7a0umrp) 3

[Features:](#_6va3wbc28nck) 3

[Lex](#_2h7x0jnx9gm5) 3

[Features:](#_2ip7hzqex8pr) 3

[Important for the exam:](#_ewdtt4a0jmfx) 3

Artificial Intelligence(AI) teaches computers to do things that normally require human intelligence.

## Some services:

### Rekognition

Rekognition allows you to automate your image and video analysis.

###### Features:

1. Image and video analysis.
2. Identify custom labels in images and videos.
3. Face to text detection in images and videos.

### Comprehend

Comprehend is a natural-language processing (NLP) service that finds relationships in a text.

###### Features:

1. Analyzes text.
2. NLP service.
3. Uncover insights and relationships. - Helps in review social media posts and insights.

### Polly

Polly turns text into speech.

###### Features:

1. Can create custom voice.
2. Several voices across many languages.
3. Mimics natural-sounding human speech.

### SageMaker

SageMaker helps you build, train, and deploy machine learning models quickly.

###### Features:

1. Prepare data for models.
2. Train and deploy models.
3. Provides Deep Learning AMIs.

### Translate

Translate provides language translation.

###### Features:

1. Provides real-time and batch language translation.
2. Supports many languages.
3. Translates many content formats.

### Lex

Lex helps you build conversational interfaces like chatbots.

###### Features:

1. Recognizes speech and understands the language.
2. Build highly engaging chatbots.
3. Powers Amazon Alexa.

### Important for the exam:

1. Don’t forget that comprehend is used for NLP.
2. Rekognition processes videos and images.