Lab: Intro to Analytics and Machine Learning

Analytics service

Amazon EMR

Hadoop framework as service. Data can be analyzed.

Athena

Analyzed data stored in Amazon S3 bucket using standard SQL statement

Elasticsearch Service

Allow high speed query

Kinesis

Collect and process and analyze real-time streaming data

QuickSight

Business intelligence reporting tool. Allow you to make graphs and analyze data.

Machine learning services

DeepLens

Create advanced vision applications

SageMaker

AWS flagship machine learning product, build and train your own machine learning model and deploy them, use it as backend of your application

Amazon Rekognition

Recognition of video and pictures

Amazon Lex

Build first-line support chatting model for your customers

Amazon polly

Natural sounding text-to-speech service

Comprehend

Deep learning to analyze text for insights and relationships.

Translate

Accurately translate text to another language

Transcribe

Analyze audio file stored in S3 and return transcribed text