AI and Streaming Data on AWS

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Streaming Data

Apache Kafka (MSK)

Apache Spark Streaming (EMR)

Apache Storm (EC2)

Apache Flink (EMR)

Amazon Kinesis

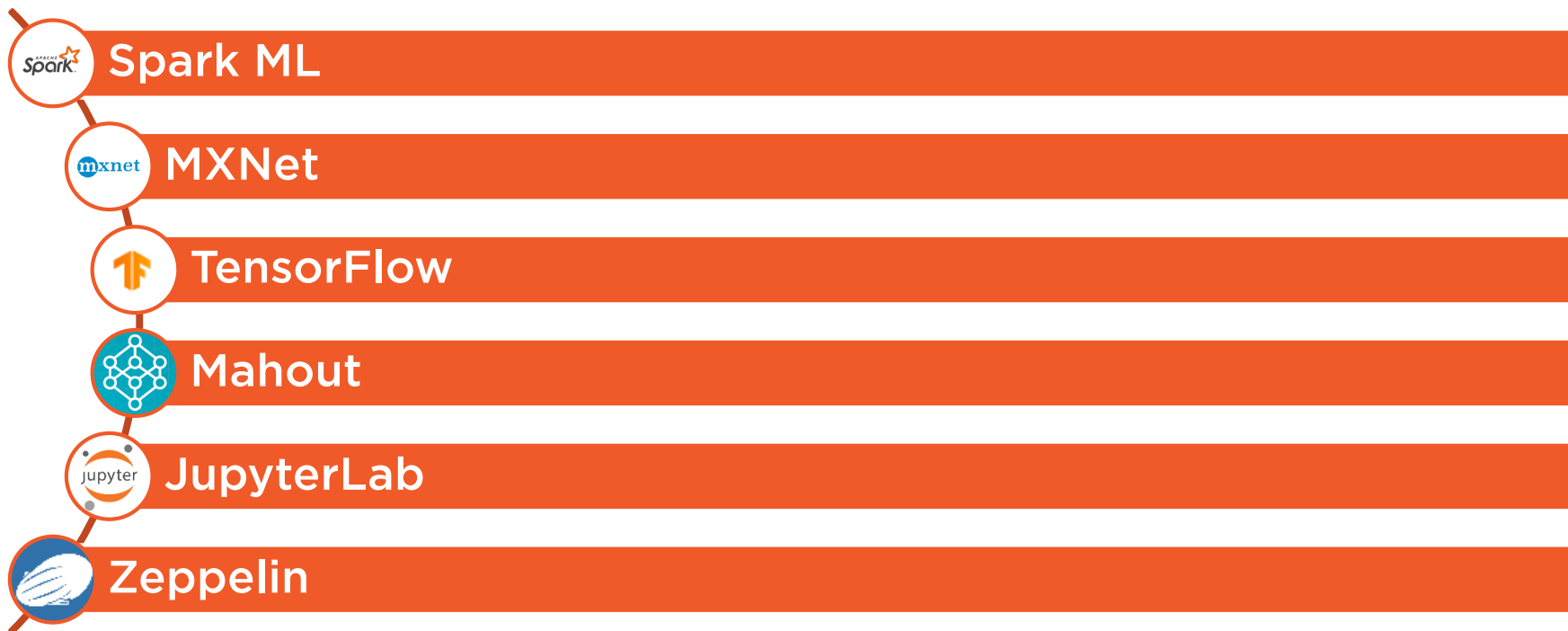# AI: Machine Learning and Deep Learning

Amazon Machine Learning

SageMaker
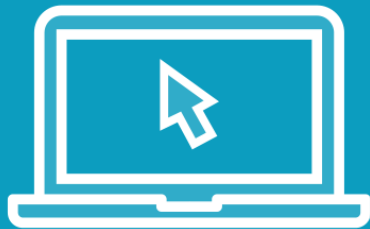
AI Services (recommendations, images, language, etc.)

EMR (various subcomponents...)

AI on EMR

Spark ML

MXNet

TensorFlow

Mahout

JupyterLab

Zeppelin

Demo

Machine learning with:

- Apache Spark
- Jupyter Notebooks
- On EMR