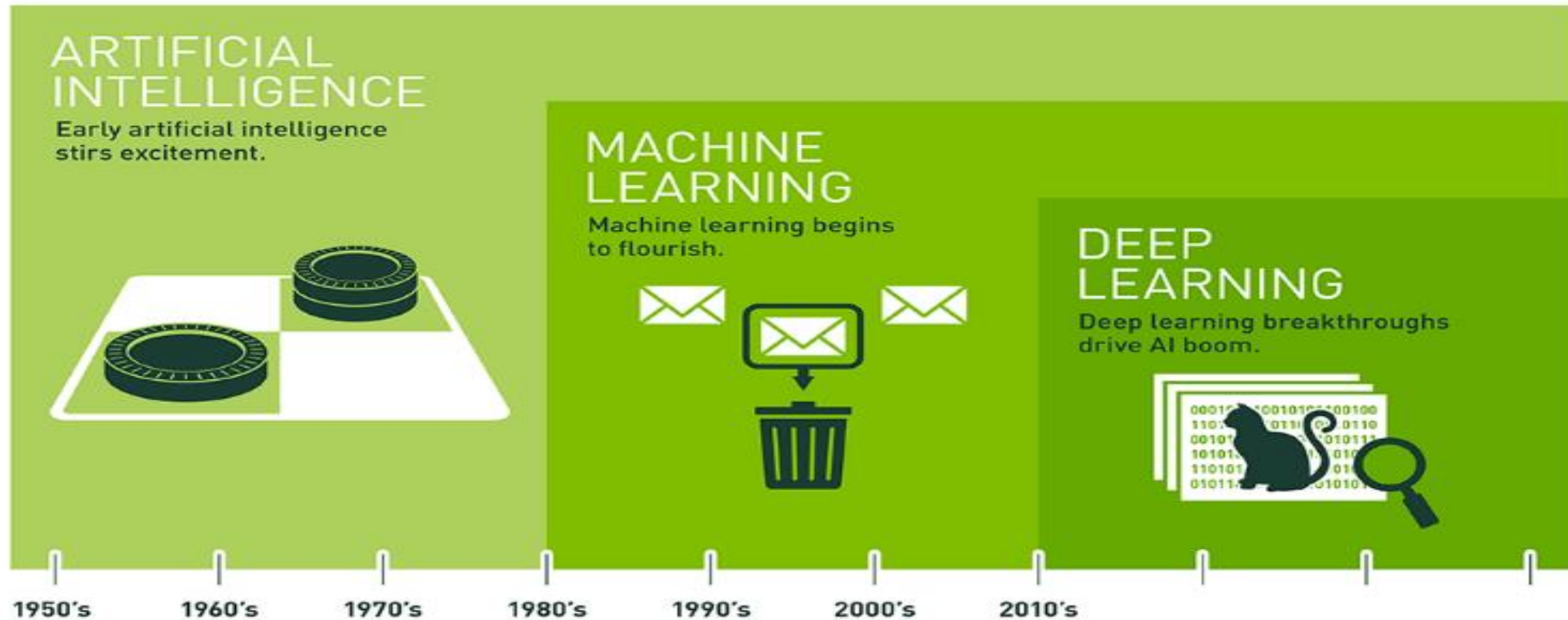


# AI ML Overview

# Agenda

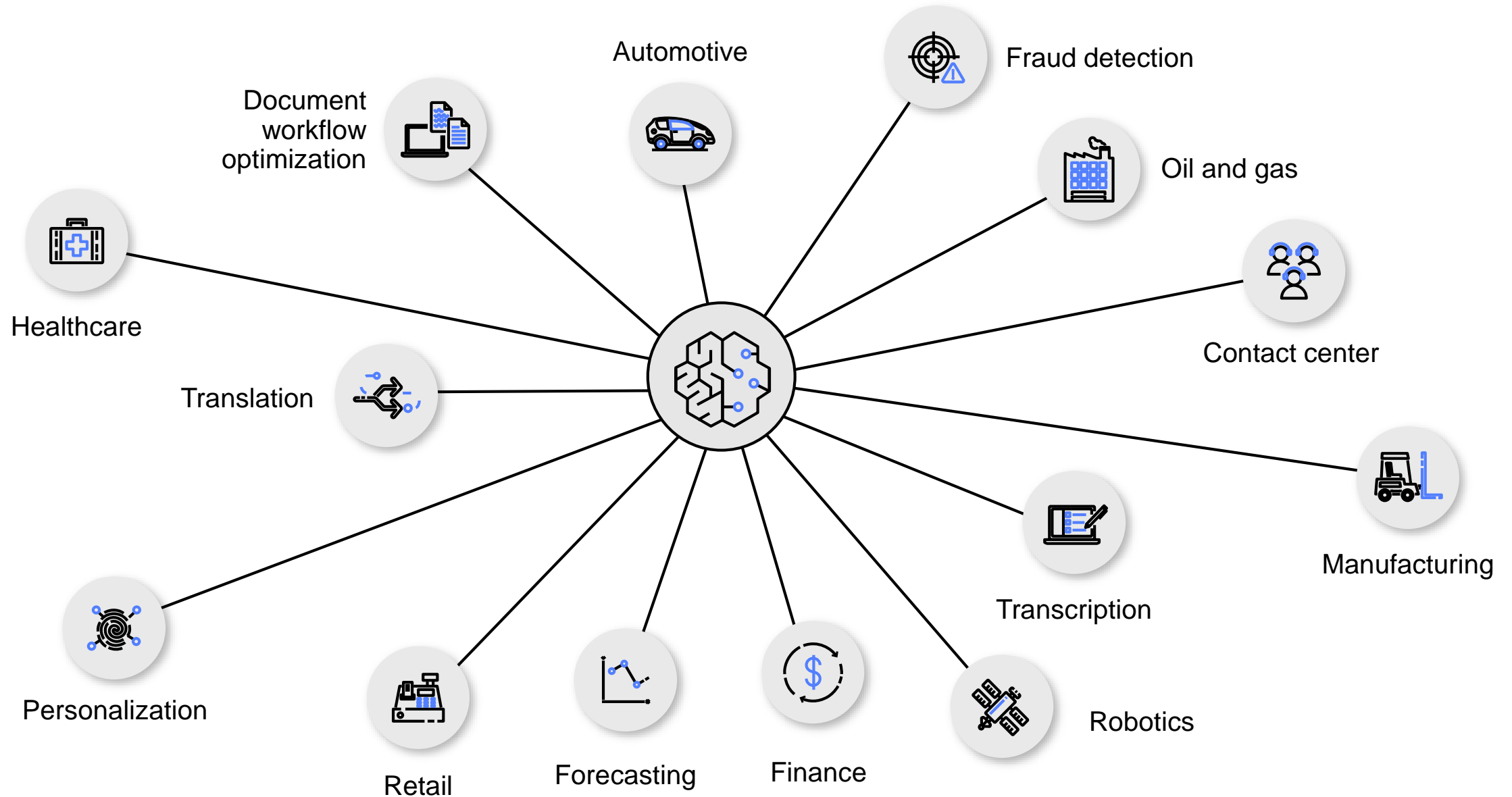
- Introduction to AI ML DL
- AWS AI ML Services
- Rekognition Demo

# AI vs. Machine Learning vs. Deep Learning



Since an early flush of optimism in the 1950s, smaller subsets of artificial intelligence – first machine learning, then deep learning, a subset of machine learning – have created ever larger disruptions.

# The reach of ML is growing



# WHY AWS FOR ML?

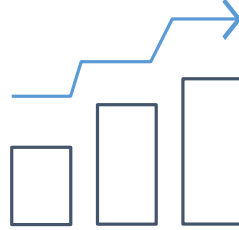


## **Broadest and deepest set of AI and ML services**

200+ new features and services launched this last year alone

Solutions for everyone from ML scientists to application developers

Support all three of the major frameworks



## **Accelerate your adoption of ML with SageMaker**

Single IDE for the entire ML workflow

At least 54% lower TCO

Up to 70% cost reduction in data-labeling

Up to 90% cost reduction with managed spot training



## **Built on the most comprehensive cloud platform**

Highly secure, reliable, fully featured data store

The strongest set of compute, storage, security, database, and analytics capabilities to build upon

85% TensorFlow in the cloud runs on AWS

# MACHINE LEARNING IS HAPPENING IN COMPANIES OF EVERY SIZE AND INDUSTRY

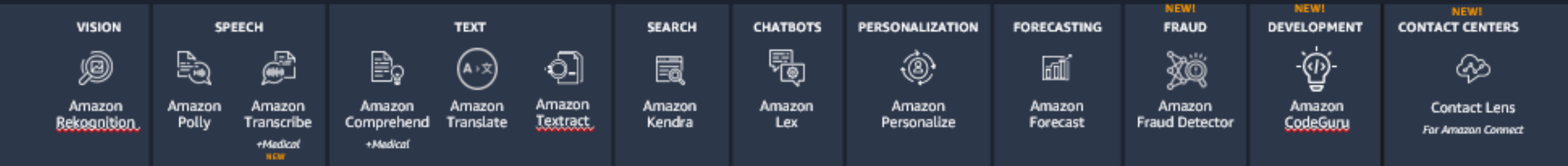
Tens of thousands customers have chosen AWS for their ML workloads | More than twice as many customers using ML than any other cloud provider



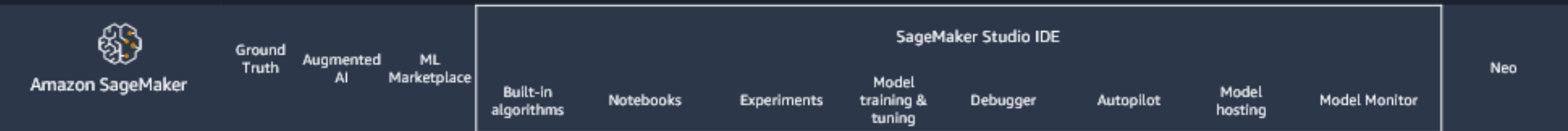
# The AWS ML Stack

Broadest and most complete set of Machine Learning capabilities

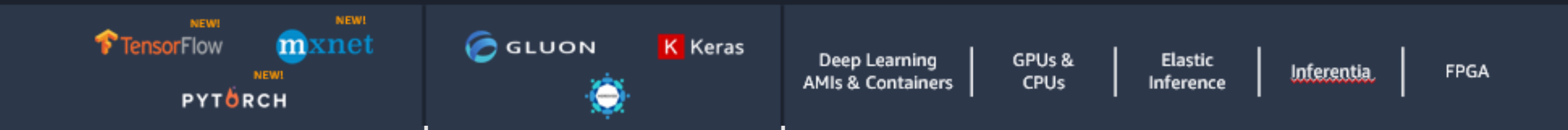
## AI SERVICES



## ML SERVICES



## ML FRAMEWORKS & INFRASTRUCTURE



# Amazon Rekognition Demo