

# Reduce manual efforts:

Process forms and documents faster using  
AWS Machine Learning

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# Agenda

- Document processing at scale
- Processing invoices and receipts – a demo
- How AWS can help in Intelligent Document Processing
- Get started and more resources

# Processing documents at scale



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**Billions of documents created globally everyday in physical and various digital formats with varying relevance to every reader**



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**Experts trained to understand relevance read and extract information for people and processes to consume**



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**Typically, automation applies rules-based or templates-based extraction that are narrowly focused on specific formats and use cases**

# The scenario

As a developer, you are tasked with automating extraction of specific data from your company's documents.



# The scenario

These documents happen to be invoices and receipts and your goal is to flag any of these documents with a total due of \$50 or more.



# What do you do?

1

Clarify input document format and accuracy requirements.

2

Determine if you can solve by writing code or is ML required?

3

Explore managed solutions and open source solutions for image-to-text conversion.

4

Does it require identifying semantic relationships?

5

If ML is required, explore ML managed solutions such as Amazon Textract.

# Demo

# Our mission at AWS

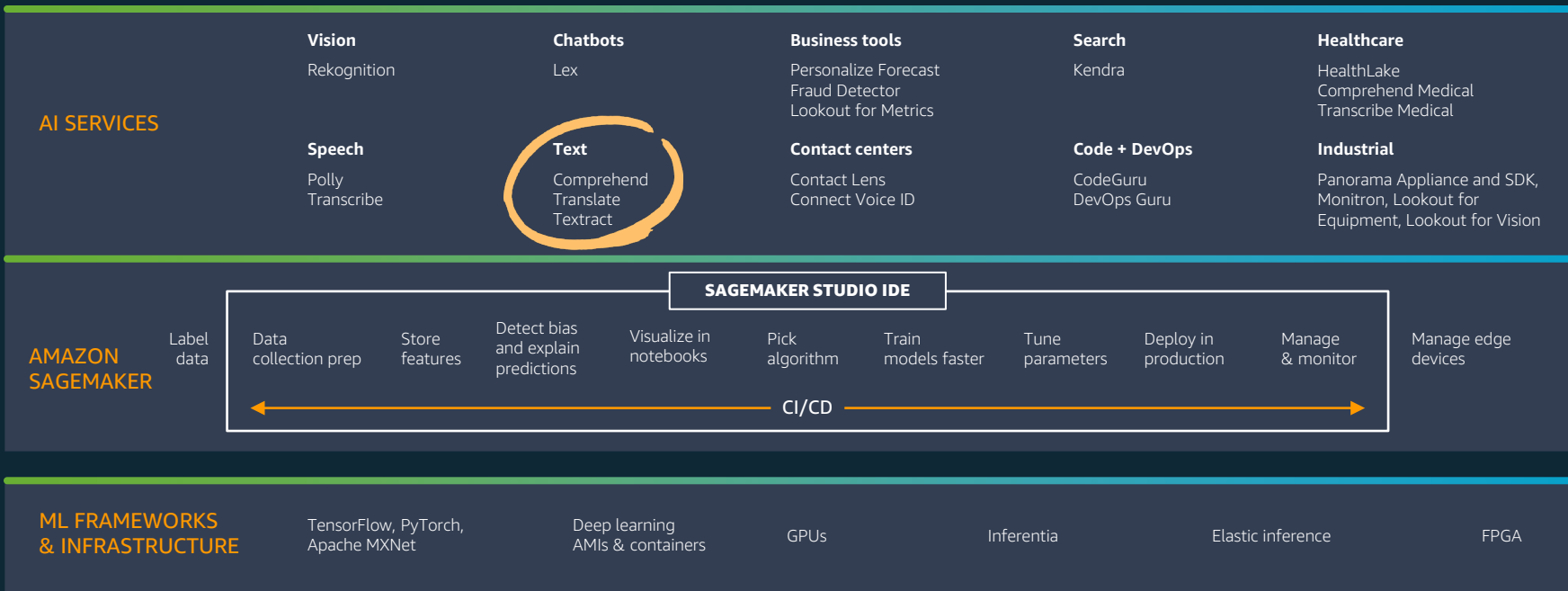
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Put machine learning (ML) in the  
hands of every developer



# The AWS ML stack

Broadest and most complete set of machine learning capabilities



# Intelligent document processing with Amazon AI Services



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## Amazon Textract

Extract text and data from virtually any document



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## Amazon Comprehend

A fully-managed and continuously trained service that discovers insights and relationships in text



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## Amazon Augmented AI

Easily implement human review of machine learning predictions

# How we can help

## Run a POC



- Run a quick POC with ready-to-deploy Document Understanding Solution
- <https://aws.amazon.com/solutions/implementations/document-understanding-solution/>

## AWS Professional Services Team



- Identify key areas where machine learning could help you with an AWS AI expert
- Let AWS experts build POCs and custom solutions for your use case

## Solution architects



- Engage with a solution architect dedicated to your account
- Brainstorm use cases and get support for solution implementation
- <https://aws.amazon.com/contact-us/>

## AWS Sales & Account teams



- Contact sales if you have any queries about building intelligent document processing workflows with AWS

# Thank you!