

Document processor

GCP: [Document AI](#) (Classification, Text extraction)

Pro: Pre-trained models, Trainable processor

Con: Manual work

AWS: Textract (Text extraction)

Pro: Ready to use, AWS

Con: Untrainable

Document Processor

AWS: [Rekognition](#)(Classification)

Pro: AWS

Con: relatively expensive hosting fee

On-going:

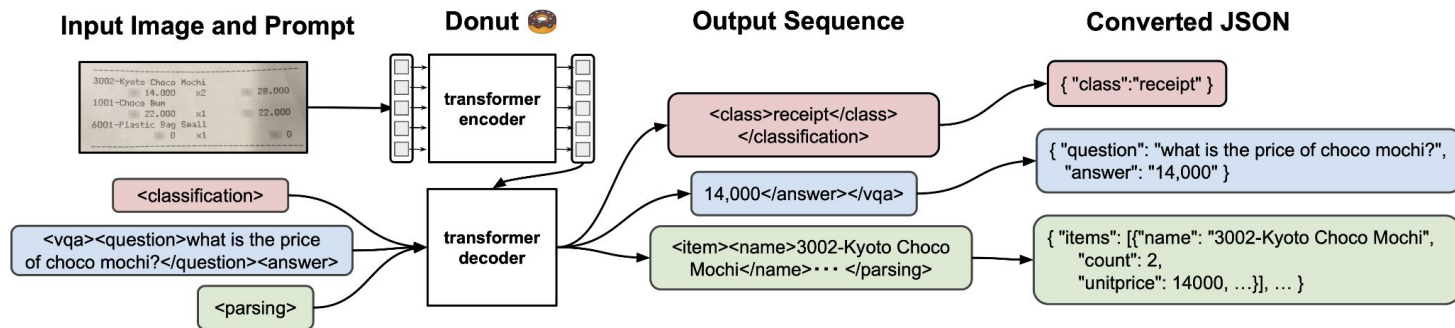
AWS: Comprehend(Classification)

Azure: Document Intelligence(Classification, Text Extraction)

Document Processor

Alternative:

Document understanding transformer([DONUT](#))



Pro: Open source

Con: Time-consuming

Caution

1. Lack of data in amount and variety
2. Pay attention to pricing

Email processor/responder

Large Language Model

Framework: [Langchain](#)

Details:

1. Prompt Engineering
2. Deployment
 - a. Might be slow on local
3. Retrieve Augmented Generation
 - a. How to generate content based on a specific customer

Email Processor/Responder

Vector database

Milvus, Weaviate, Pinecone, Elastic search...