USER EXPERIENCE DAY 2024

INTELLIGENCE ARTIFICIELLE

Boostez votre efficacité avec Azure document intelligence

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ERP & IT SERVICES

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INTRODUCTION

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Steve DA RE

Computerland

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Microsoft Azure

OpenAI

Azure AI services

Azure AI

Business scenarios

Business scenario	Model type
Automate customer application processing	Document processing
Automate expense reports	Receipt processing
Categorize user feedback based on their focus	Category classification
Extract insights from product reviews	Entity extraction
Identify language of text	Language detection
Identify and classify customer feedback	Sentiment analysis
Translate support requests into your language	Text translation
Identify fraudulent transactions	Prediction
Get alerted to social media posts referencing your brand	Key phrase extraction
Automate contact list	Business card reader
Automate inventory taking	Object detection
Take a photo of text and save it to a database	Text recognition

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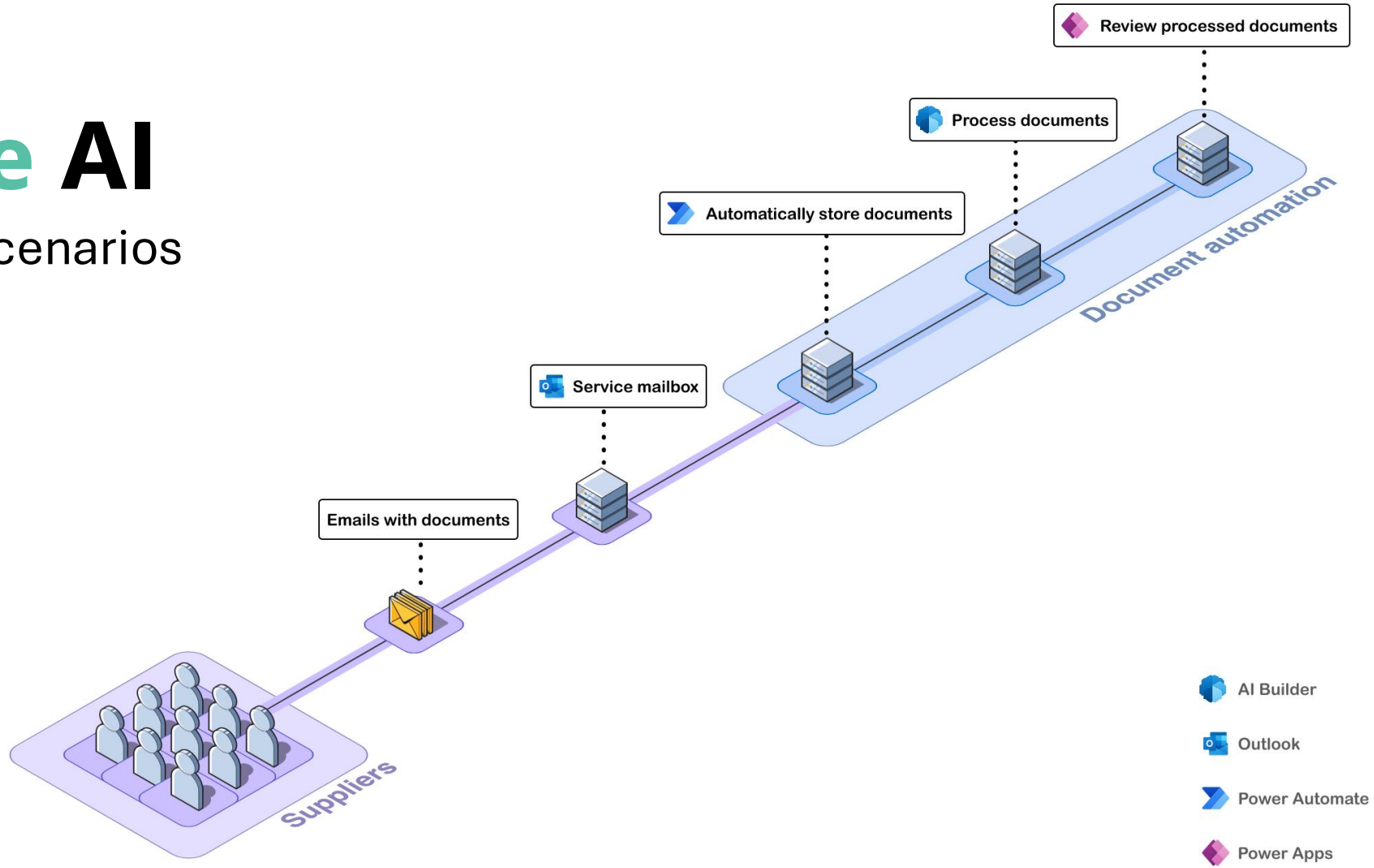
Azure AI

Business scenarios



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Azure AI Services

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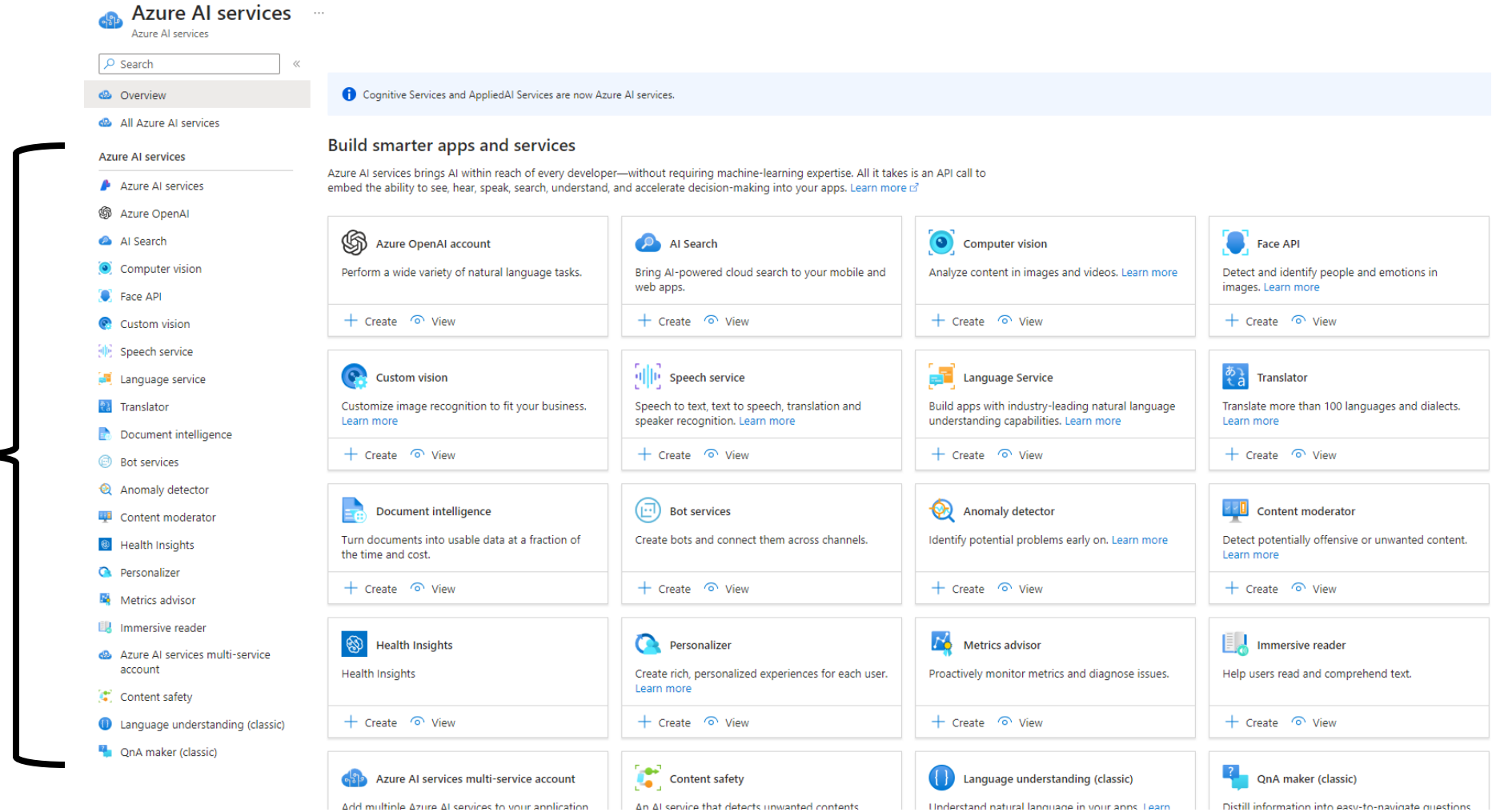

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Azure AI Document Intelligence

- Pretty much like AI Builder but is consumed in Azure
- Use AI to Build Document Processing Workflows
- **Easily** extract text and structure with simple REST API
  - Integration not limited to PowerAutomate / PowerApps!
- Interesting pricing model

Azure OpenAI ChatGPT4o

- Revolution extraction des infos
- Pas besoin d'entrainer un modèle
- Pour le moment uniquement sur des images, pas encore PDF

Azure AI Document Intelligence

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Document analysis

Extract text, tables, structure, key-value pairs, and named entities from documents.

Read

Extract printed and handwritten text along with barcodes, formulas and font styles from images and documents.

Try it out

Layout

Extract tables, check boxes, and text from forms and documents.

Try it out

General documents

Extract key value pairs and structure like tables and selection marks from any form or document.

Try it out

Prebuilt models

Extract data from unique document types using the following prebuilt models.

Invoices

Extract invoice ID, customer details, vendor

Receipts

Extract time and date of the transaction,

Identity documents

Extract name, expiration date, machine

US health insurance cards

Extract insurer, member, prescription, group

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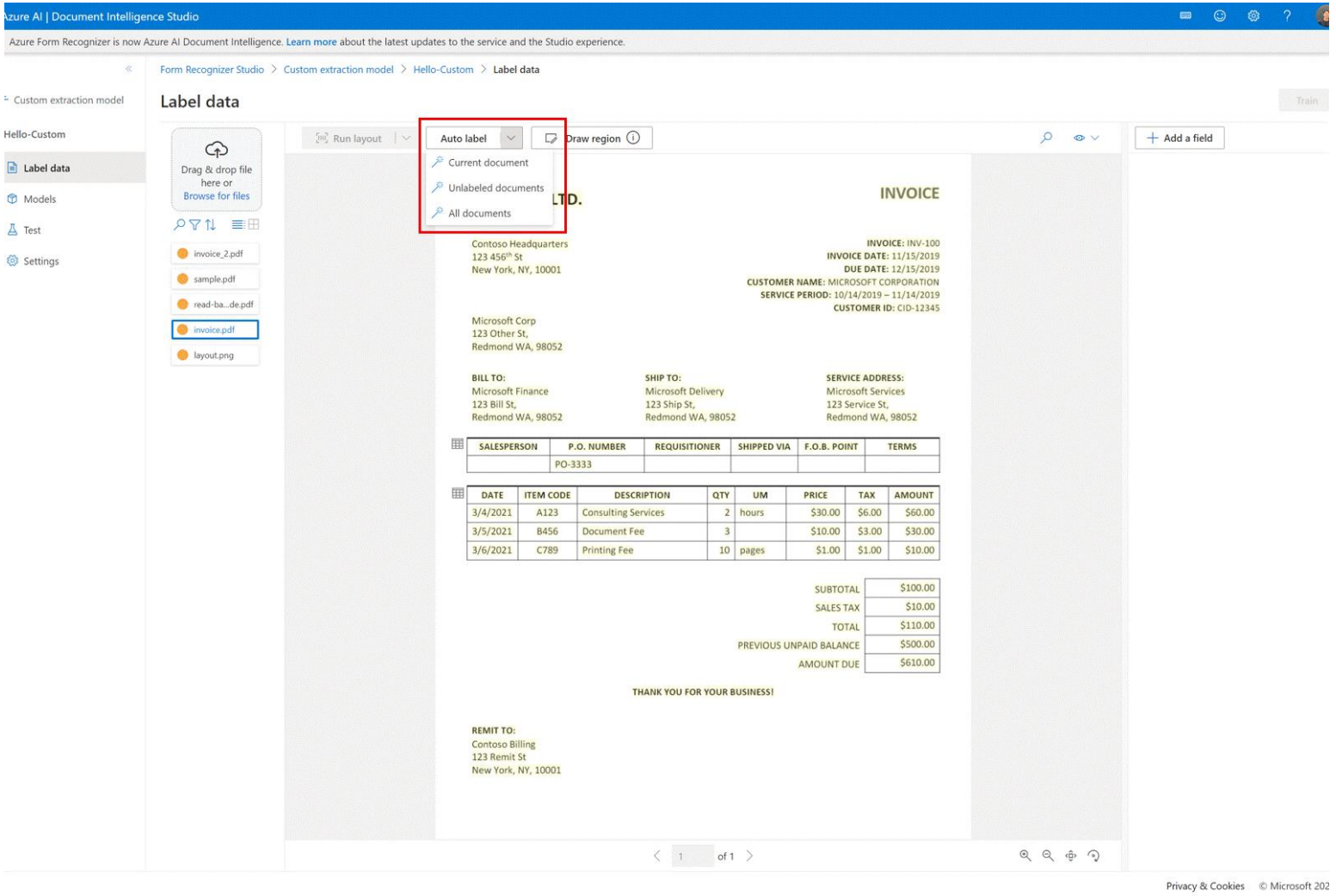
Azure AI Document Intelligence



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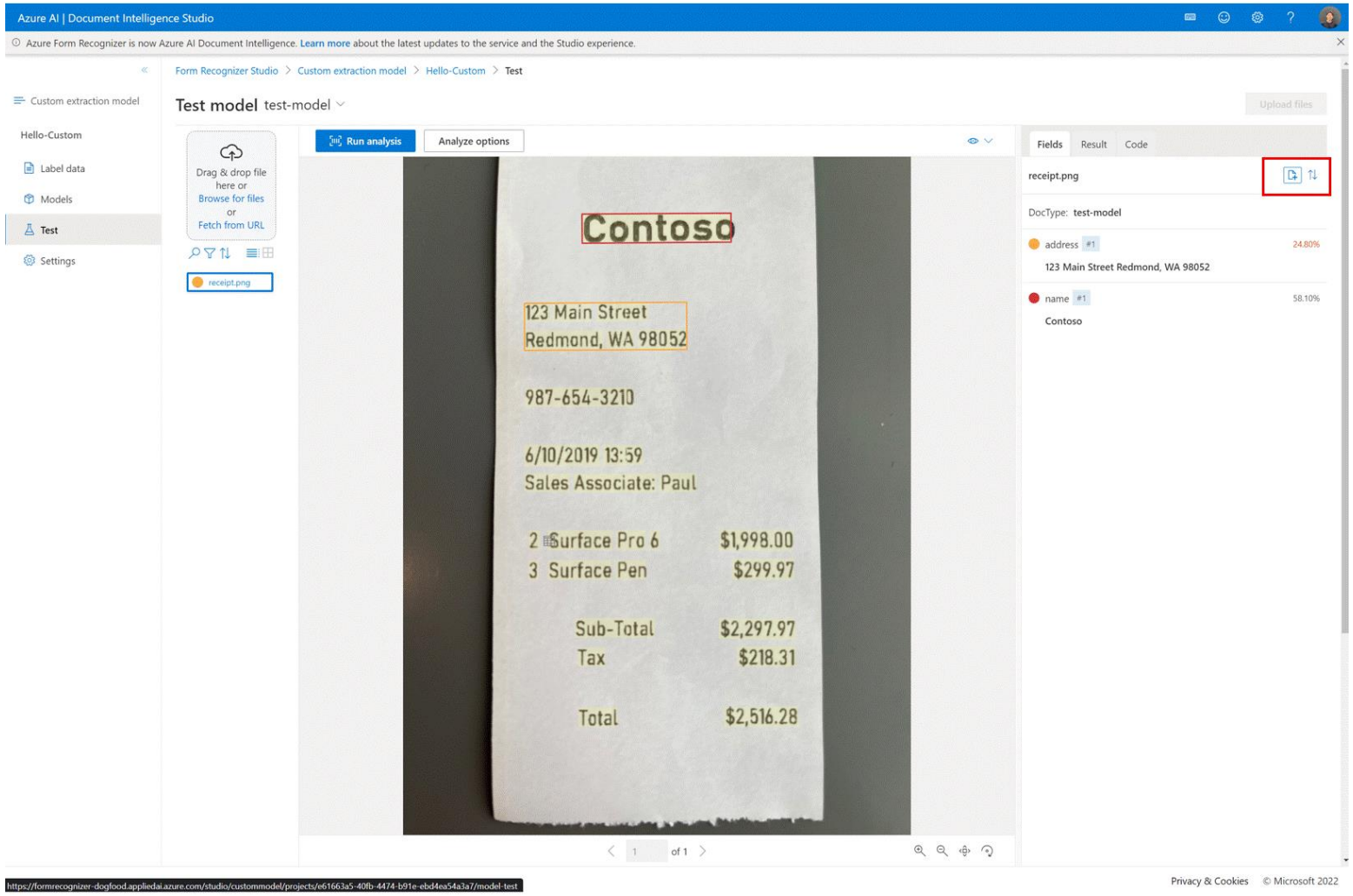
Azure AI Document Intelligence



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Azure AI Document Intelligence

Documents > **receipts**

Nom	Vendor	datum	bedrag	TVA
maes (1).jpeg	Maes Koffie	25/11/2023	36,9	BE 0675.425.747

Démo

- Azure Document Intelligence
- ChatGPT 4o

AI Projects

Cohezio

Client:

Cohezio is a company dedicated to the health, safety, and well-being of workers.

Objective:

Extract information from filled-on contracts and inject them into the ERP system

Benefits:

No more manual reading and input

Futur Toughts:

Further develop client onboarding

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AI Projects
JAC Machines

Client:
JAC Machines specializes in professional bakery equipment, particularly bread slicers and bread-making machines.

Objective:
Extract written information from assembly documents and store in SharePoint library

Benefits:
Easy search on serial number, model, card, ...

Future Toughts:
Expand to other documents: invoices, delivery notes, ...

AI Projects – autres

Document Intelligence:

- OCR factures + creation XML pour importer dans ERP
- OCR factures pour liste suivi approbation sharepoint
- OCR ticket resto/parking/expenses/ pour approbation teams

Tokens Azure OpenAI

Models	Context	Input (Per 1,000 tokens)	Output (Per 1,000 tokens)	Price per PTU per Hour	Minimum Scaling Increment	Monthly Reservation per PTU	Yearly Reservation per PTU
GPT-4o Global Deployment	128K	€0.0047	€0.0139	N/A	N/A	N/A	N/A
GPT-4o Regional API	128K	€0.0047	€0.0139	€1.8492	50 PTUs	€240.3847	€2,451.9231
GPT-4o-mini Global Deployment	128K	€0.00014	€0.0006	N/A	N/A	N/A	N/A
GPT-4o-mini Regional API	128K	€0.000153	€0.00062	€1.8492	25 PTUs	€240.3847	€2,451.9231
GPT-3.5-Turbo-0125	16K	N/A	N/A	€1.8492	100 PTUs	€240.3847	€2,451.9231
GPT-3.5-Turbo-Instruct	4K	N/A	N/A	N/A	N/A	N/A	N/A
GPT-4-Turbo	128K	€0.010	€0.028	€1.850	100 PTUs	€240.3847	€2,451.9231
GPT-4-Turbo-Vision	128K	€0.010	€0.028	N/A	N/A	N/A	N/A
GPT-4	8K	N/A	N/A	€1.850	50 PTUs	€240.3847	€2,451.9231
GPT-4	32K	N/A	N/A	€1.850	200 PTUs	€240.3847	€2,451.9231

Azure Document Intelligence

Instance	Document type	Price
Free - Web/Container[1]	All	0 - 500 pages free per month
S0 - Web/Container	Read	0-1M pages - €1.387 per 1,000 pages 1M+ pages - €0.555 per 1,000 pages
	All Prebuilt Models: Document, Layout, Receipt, Invoice, ID, W-2, 1098 Tax forms, Health insurance card, Contract.	€9.246 per 1,000 pages
	Custom classification	€2.774 per 1,000 pages
	Custom extraction	€27.737 per 1,000 pages
	Custom generative extraction	€27.737 per 1,000 pages
	Add-On[2]	€5.548 per 1,000 pages
	Query Fields	€9.246 per 1,000 pages
	Training	€2.774 per hour of training
	Batch custom extraction pages	€27.737 per 1,000 pages
	Batch custom generative extraction pages	€27.737 per 1,000 pages
	Batch custom classification	€2.774 per 1,000 pages
	Batch prebuilt models	€9.246 per 1,000 pages
	Batch read	€1.387 per 1,000 pages

Azure Document Intelligence

Commitment Tiers: pay an upfront monthly fee for high-volume usage at a discount.

Instance	Features	Price (per month)	Overage
Azure	Custom extraction	€499.261 per 20,000 pages €2,218.935 per 100,000 pages €9,707.841 per 500,000 pages	€24.964 per 1,000 pages €22.190 per 1,000 pages €19.416 per 1,000 pages
	Prebuilt	€175.666 per 20,000 pages €832.101 per 100,000 pages €3,698.225 per 500,000 pages	€8.784 per 1,000 pages €8.322 per 1,000 pages €7.397 per 1,000 pages
	Read	€346.709 per 500,000 pages €1,109.468 per 2,000,000 pages €3,883.137 per 8,000,000 pages	€0.694 per 1,000 pages €0.555 per 1,000 pages €0.491 per 1,000 pages
Connected Container	Custom extraction	€424.372 per 20,000 pages €1,886.095 per 100,000 pages €8,251.665 per 500,000 pages	€21.219 per 1,000 pages €18.861 per 1,000 pages €16.504 per 1,000 pages
	Prebuilt	€140.533 per 20,000 pages €665.681 per 100,000 pages €2,958.580 per 500,000 pages	€7.027 per 1,000 pages €6.657 per 1,000 pages €5.918 per 1,000 pages
	Read	€312.50 per 500,000 pages €998.521 per 2,000,000 pages €3,494.823 per 8,000,000 pages	€0.629 per 1,000 pages €0.500 per 1,000 pages €0.435 per 1,000 pages

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DES QUESTIONS ?

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VOTRE AVIS NOUS INTERESSE

Merci pour votre participation

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