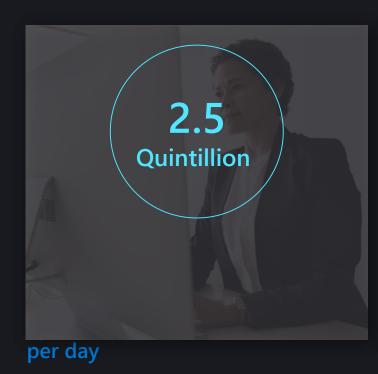


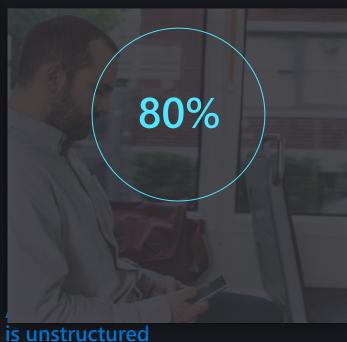
Knowledge Mining

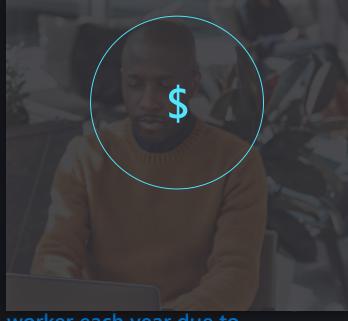
Mohammad Afaneh
Data & Artificial Intelligence
Microsoft Qatar



Acting on your knowledge is challenging







worker each year due to information searches

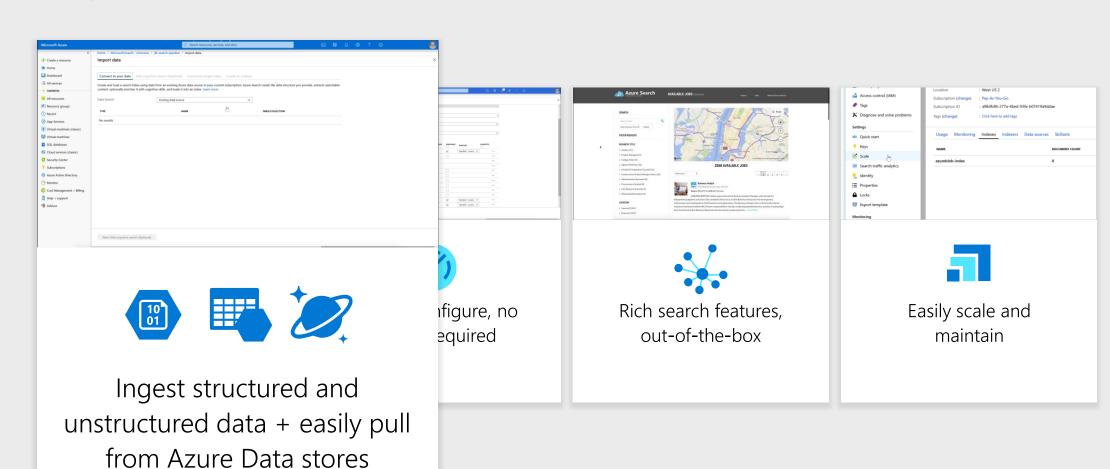
What is knowledge mining?

Uncover latent insights





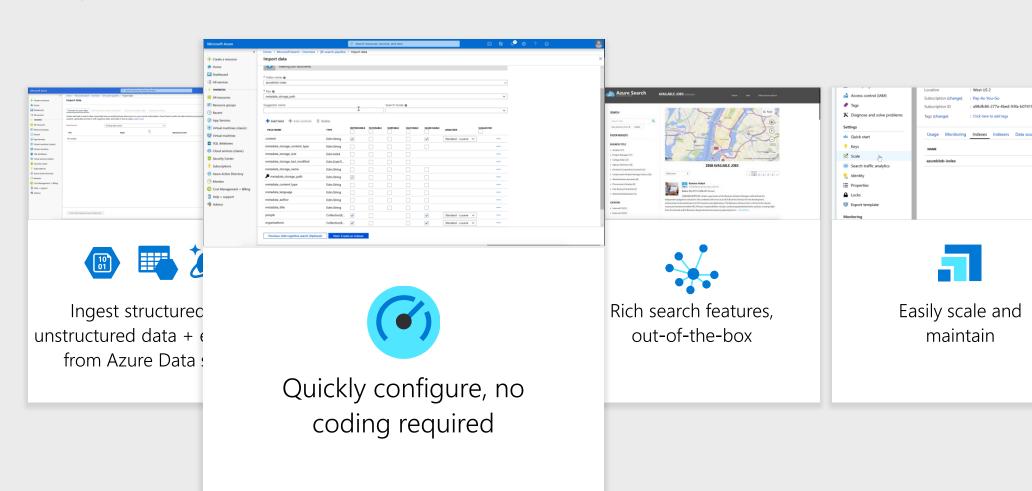








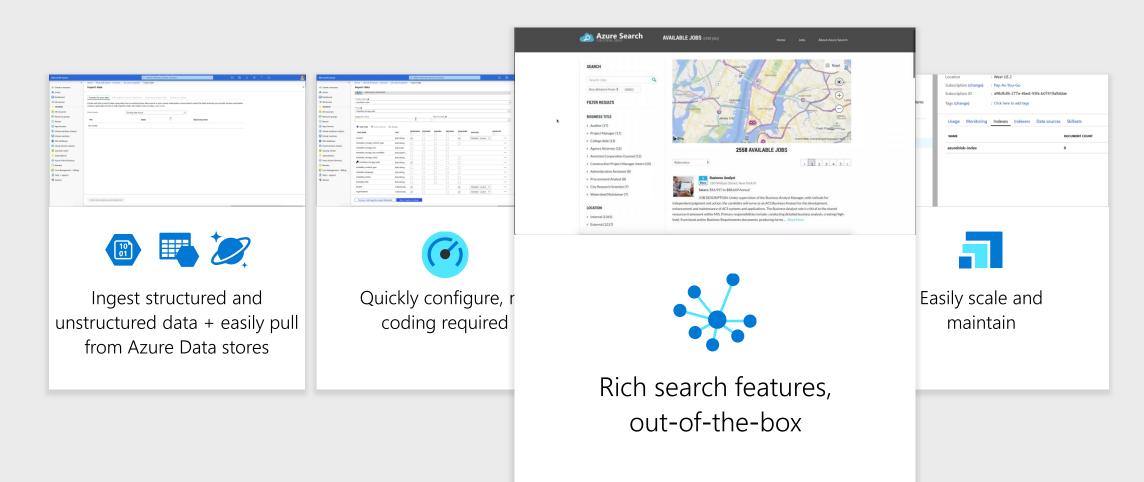








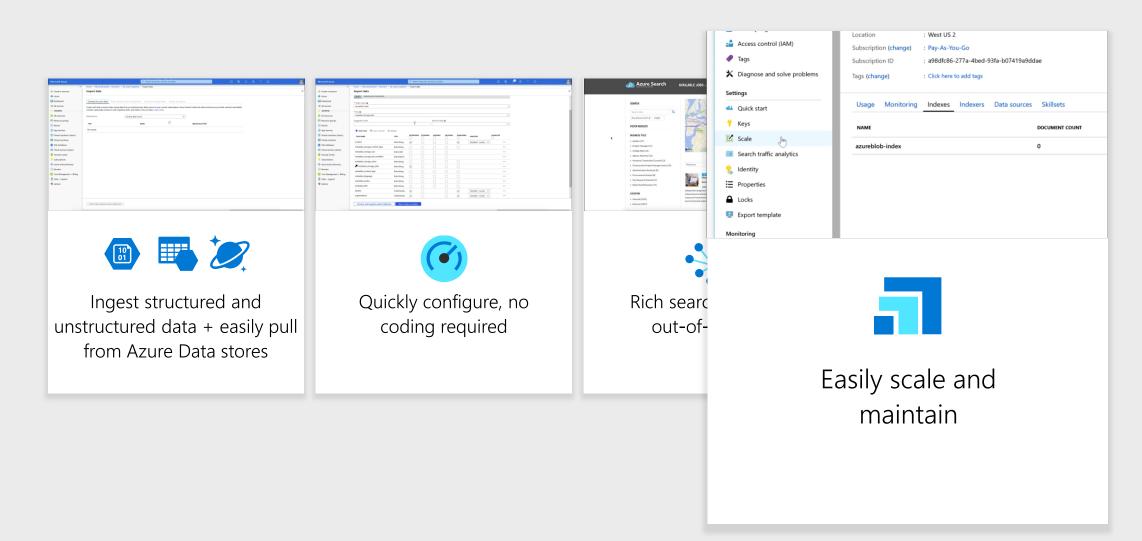












Easily Integrated

Vision

OCR, Image analysis, Tag

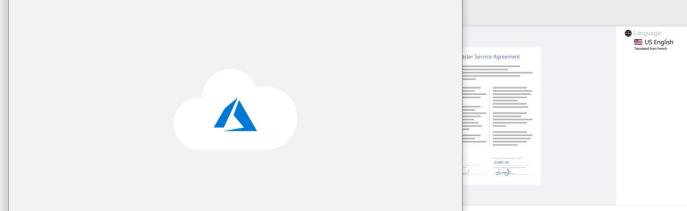
extraction

With just one-click enable pre-built cognitive skills and extract more knowledge from your data.











Language

rase extraction, Language n, Sentiment analysis, Entity recognition

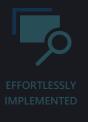


Orchestration

Text manipulation, Custom skills, Knowledge store

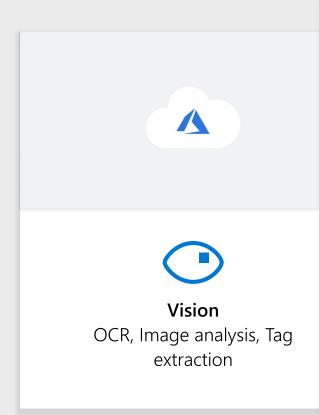
Easily Integrated

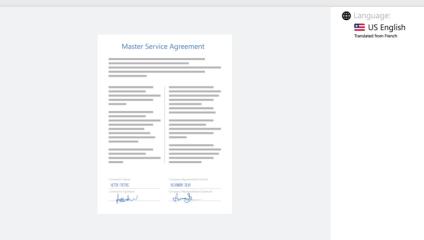
With just one-click enable pre-built cognitive skills and extract more knowledge from your data.













Language

Key phrase extraction, Language detection, Sentiment analysis, Entity recognition



Orchestration

Fext manipulation, Custom skills, Knowledge store

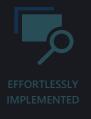
Easily Integrated

Vision

OCR, Image analysis, Tag

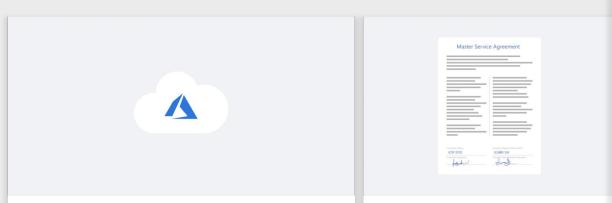
extraction

With just one-click enable pre-built cognitive skills and extract more knowledge from your data.











Language

Key phrase extraction, Lar detection, Sentiment analys recognition



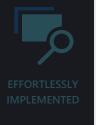


Orchestration

Text manipulation, Custom skills, Knowledge store

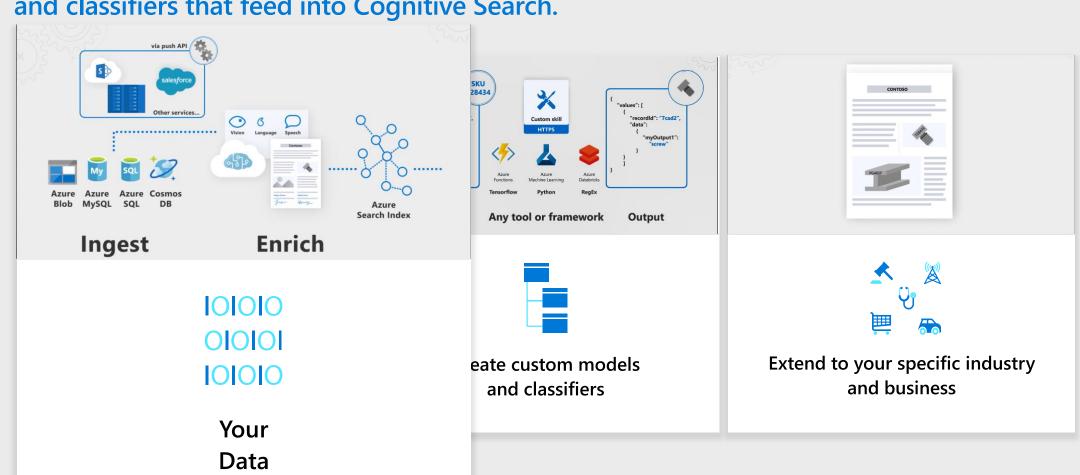
Readily Customizable

Optimize your search experience by integrating your own data to create custom models and classifiers that feed into Cognitive Search.



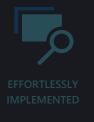






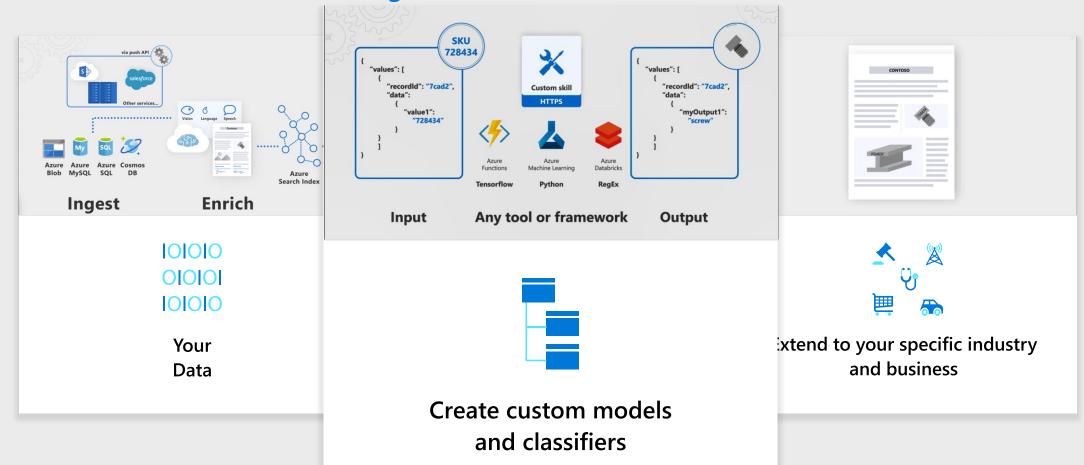
Readily Customizable

Optimize your search experience by integrating your own data to create custom models and classifiers that feed into Cognitive Search.









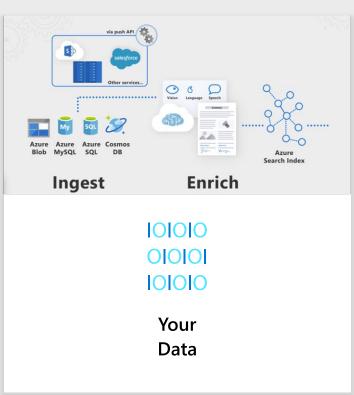
Readily Customizable

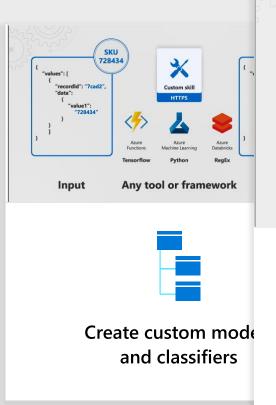
Optimize your search experience by integrating your own data to create custom models and classifiers that feed into Cognitive Search.













Extend to your specific industry and business



Knowledge MiningIII

With Form Recognizer

Uncover insights from all your forms



	CREDIT APPLICATION	
	APPLICANT INFORMATION	
Name:		
Date of birth:	SSN:	Phone:
Current Address:		
City:	State:	ZIP Code:
Own Rent (Please circle)	Monthly payment or rent:	How long?
Previous Address:		
City:	State:	ZIP Code:
Owned Rented (Please circle)	Monthly payment or rent:	How long?
	EMPLOYMENT INFORMATION	N
Current Employer:		
Employer Address:		How long?
Phone:	E-mail:	Fax:
City:	State:	ZIP Code:
Position:	Hourly Salary (Please circle)	Annual income:
Previous employer:		
Address:		How long?
Phone:	E-mall:	Fax:
City:	State:	ZIP Code:
Position:	Hourly Salary (Please circle)	Annual income:
Name of a relative not residing wit	h you:	
Address:		Relationship:
Phone:	E-mail;	Fax:
CO-APP	LICANT INFORMATION, IF FOR A J	OINT ACCOUNT
	Name:	
Date of birth:	SSN:	Phone:
Current Address:		

Employer Questionnaire	() A	QT	F 20
IMPORTANT INSTRUCTIONS	6	2	felding floor	
Please tell us about the taining provided by the organisation that sent you this questionnais. You developing the quality of training at this organisation. In the questionnais, the term training rate the training organisation. The term 'training' refers to trainers, teachers, lectures or instruction from responses to each term on the term. Complete using a black or total pers. Place o a clear "Inside or doce not apply." If you want to change your answer, fill in the certain box and mark the correct box.	ns to learning experienc in your training organisa	es pro tion. P	vided b	y
Example: (2) or (10)				
ABOUT YOUR EMPLOYEES TRAINING	Ajfwarg)	(Disagnee	4 Agree	Bready
Trainers were effective in their teaching.				E
Trainers had good knowledge and experience of the industry.				Ē
Trainers were able to relate material to the workplace.				Ē
Overall, we are satisfied with the training.				C
We would recommend the training to others.				E
Assessments were based on realistic activities.				Г
The training organisation gave appropriate recognition of existing knowledge and skills.				E
Assessment was at an appropriate standard.				E
The training focused on relevant skills.				E
The training prepared employees well for work.				E
The training had a good mix of theory and practice.				E
We would recommend the training organisation to others.				Ī
The training was an effective investment.				E
The training reflected current practice.				Ī
The training was effectively integrated into our organisation.				E
Our employees gained the skills they needed from this training.				

nformat	lion about Form 10	995-B and its separate	instruction	ns is a	t www.i	s.gov/fi	orm 1090	Sò.	_					
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STANDARD FORM 2 FEBRUARY 1965 EDITION GENERAL SERVICES ADMINISTRATION FPR (41 CFR) 1-15.601		GOVERNMENT FOR REAL PROPERTY
DATE OF LEASE	16/10	LEASE NO. GS-10B-07170
	47 10	GS-108-07170
THIS LEASE, made an	d entered into this date by and betw	WEER YESLER INVESTMENT COMPANY, LLC
	0 SECOND AVENUE, SUITE 1800 ATTLE, WA 98104-1046	
and whose interest in the	he property hereinafter described is	that of OWNER
hereinafter called the L	essor, and the UNITED STATES O	F AMERICA, hereinafter called the Government:
WITNESSETH: TI	ne parties hereto for the consideration	ons hereinafter mentioned, covenant and agree as follows:
A total of 1 ANSI/BOMA Seattle WA 9 The space is cost to the G	Office Area square feet (USF) of 98104, to be used for such purposes located on the main floor and on fl	In following described premises: F) of office and related space, which yields 152,288 space at Fifth and Yesler Building, 300 Fifth Avenue, as determined by the General Services Administration, boos 4 through 12. Included in the rent at no additional riving spaces and 40 bicycle spaces for exclusive use of
September 1 the first age	, 2010 for the term of 10 years firm ncy installed by the government a is as may be hereinafter set forth.	es with their appurtenances beginning approximately. The lease will take effect upon acceptance of space of nd continuing for 10 years, subject to termination and The rent start date will be recognized via Supplemental
		rent of \$ 6,031,270.00 at the rate of \$502,605.83 per tit free. Rent consists of the following:
Shell (taxes include Operating rent Tenant improveme	\$1,252,780.94	

Check appropriate box: ☐ Minor ☐ Single ☐ Ma	rried Separated Divor	ced Widowed
Patient's or parent's regulater	AT BASIS	Work phone
Business address	Chy	State Zio
Spoule or parent's name	Enc oper	Work Floor
If patient is a student, name of school/college	05	State
Whom may see sharik for referring you?		
Person to contact in case of emergency		Phone
Resp	onsible Party	
Name of person responsible for this account	Relations	hip to patient
Address		Home phone
Driver's license #	girthdata)	Financial institution
Employer		Work phone
Is this person currently a patient in our office? Wes	6	
Insura	nce Information	
Name of incred	Relations	hip to patient
Birthdate Social Security Number	B SEE	Date employed
Name of employer	AT 103 A	Work phone
Address of employer	City	State Tip
Insurance company	Group #	Union or local #
Insurance co. address	City	StateZio
How much is your deductible? How mu	ch turve you send?	Max. annual benefit?
Do you have any additional insurance? 🗆 Yes 🗀 No	If yes, complete the following:	
Name of insured	Belations	hip to patient
Birthdate Social Security Number	Fifth D	Date simployed
Name of employer	B. W.//	Work phone

RECEIPE	& GLOSS BILORIE	3 Chapter indical	tor, Enter "3	" or "4"	rae neupletti s u.a.	rick, it airly		131
code		3a Exemption cod	le 4a	Exemption code				13g
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Withhole	ding allowance					100	mber,	rany
Netinco	ome							
Federa	al tax withheld				13k Recipient's accor	ant number		
Check	if federal tax with v procedures wer	nheld was not deposi e applied (see instru	ited with the ctions)	IRS because	13/ Recipient's date of	of birth (YYYY)	MMDC	
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Renefits To You		
Comment - Your money is deposited auto-deposited electronically into your Wells Fan Fast - You have immediate access to your - Safe - Never worry about checks getting to Automatic swring - Watch your skvings or	money on the day of deposit.	
	ot eligible for Automatic Payments. See Terms and Conditions	
Three Easy Steps to Set up Direct	Deposit or Automatic Payments	
Step 1. Gather Account Information		
You must provide your information about the	account where the money will be deposited or withdrawn.	
Routing Number (RTN) (9 digits)	If the account information to the left is not comple	ted, use the following information:
[IOC:ADO:Account RTN CHK]]	For Direct Deposit and Automatic Payment	
	through Checking Use information found on your checks	For Direct Deposit into Prepaid Card or Savings
Account Number	Use information found on your checks SAMPLE CHECK 0101 OUT 0101	into Prepaid Card or Savings For your prepaid card or savings account number, check you bank statement or account document.
(maximum 13 digits – include leading zeros –	Use information found on your checks SAMPLE CHECK 0101	into Prepaid Card or Savings For your prepaid card or savings account number, check you bank statement or account documen provided at account opening.
	SAMPLE CHECK 0101	into Prepaid Card or Savings For your peepaid card or savings account number, theck you bank statement or account documen provided at account opening. Centact Well Fago Phone Bank at 1-80 TO-WELLS (1-80 9-9357) for the connect.
(maximum 13 digits – include leading zeros – do not include check number); [IOCADO:Account RTN CH(I)]	SAMPLE CHECK 0101	into Prepaid Card or Savings For your perpaid card or savings account number, sheck you bank statement or a count docume provided at account opening. Centact Wells / ago Phose Brain* at 1-890 TO WILLS (1-800 889-5557) for the correct Routing Number (EITN).
(maximum 13 digits – include leading zeros – do not include check number; (IOCADO:Account RTN CHQ) Type of Account (Check one):	Use information found on your ducks SAMPLE CHECK ST. ST. ST. ST. ST. ST. ST. ST	into Prepaid Card or Savings Toryous prepaid card or savings account number, deck you bank statement or account docume provided at account opening. Centart Welfi Fargo Phone Brain ⁴ at 1-800 To WILLS (1-800 580 5357) for the connect. Routing Number (9710). Please notal, Welfi Sargo Carnot provide your account number
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Form Recognizer

Start with any type of form









Quickly extract text, tables and key value pairs with simple REST API calls













The Form Recognizer difference



Quickly and accurately extract text and structure without code



Stay confident with a secure and private foundation



Flexibility to apply anywhere from the cloud to the edge



Customize to your forms

Quickly extract text, keys, and tables from your documents



Core Scenarios



Robotic process automation

"My company manually enters data from documents into structured schema, or hires 3rd party companies to processing forms, and the cost per page is prohibitive."



Intelligent search indexes

"My company manually reads thousands of forms (invoices, tax forms, etc.) to find important information like PO amounts, totals on tax forms, etc."



Industry-specific applications

"My company has industryspecific documents like drilling reports or medical reports, that our teams need to analyze for a variety of purposes like internal benchmarking and patient processing."

Demo

https://art-explorer.azurewebsites.net/search