

AWS:

Entities:

The screenshot shows the AWS Comprehend console interface. On the left, there is a sidebar with navigation options: 'Real-time analysis', 'Analysis jobs', 'Customization' (expanded), 'Custom classification', 'Custom entity recognition', 'Flywheels', and 'Endpoints'. The main area displays 'Results' for a search query. The results are presented in a table with columns: Entity, Type, and Confidence. The table lists various entities such as 'United Kingdom', 'one', 'worst', 'last year', 'Germany', 'pandemic', 'global financial crisis', 'Europe', '5%', 'last year', 'EU', '6.4%', and 'Eurostat', each with its corresponding type and confidence score.

Entity	Type	Confidence
United Kingdom	Organization	0.67
one	Quantity	0.94
worst	Quantity	0.71
last year	Date	0.99+
Germany	Organization	0.90
pandemic	Event	0.88
global financial crisis	Event	0.77
Europe	Organization	0.86
5%	Quantity	0.99+
last year	Date	0.99+
EU	Organization	0.98
6.4%	Quantity	0.99+
Eurostat	Organization	0.98

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Entity	Type	Confidence
Eurostat	Organization	0.98
United States	Organization	0.87
3.5%	Quantity	0.99+
prior year	Date	0.92
Today	Date	0.98
UK	Organization	0.78
finance minister	Person	0.80
Rishi Sunak	Person	0.99+
United Kingdom	Location	0.99+
January 5	Date	0.99+
first quarter of 2021	Date	0.99+
fourth quarter of 2020	Date	0.99+
double dip	Quantity	0.70
Sam Miley	Person	0.99+
London	Location	0.96
Centre for Economics and Business Research	Organization	0.99+
Friday	Date	0.99+

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Entity	Type	Confidence
United Kingdom	Location	0.99+
January 5	Date	0.99+
first quarter of 2021	Date	0.99+
fourth quarter of 2020	Date	0.99+
double dip	Quantity	0.70
Sam Miley	Person	0.99+
London	Location	0.96
Centre for Economics and Business Research	Organization	0.99+
Friday	Date	0.99+
EU	Organization	0.88
UK	Location	0.35
Brexit	Event	0.98
December 31	Date	0.99+

► Application integration [Info](#)  
API call and API response of DetectEntities API

Key Phrases:

Amazon Comprehend

Real-time analysis  
Analysis jobs

Customization

Custom classification  
Custom entity recognition  
Flywheels  
Endpoints

Results

Search

< 1 >

Key phrases	Confidence
Zhang Wei	0.93
John	0.99+
Your AnyCompany Financial Services	0.98
LLC credit card account 1111-0000-1111-0008	0.87
a minimum payment	0.99+
\$24.53	0.99+
July 31st	0.99+
your autopay settings	0.99+
your payment	0.99+
the due date	0.99+
your bank account number XXXXXX1111	0.96
the routing number XXXXX0000	0.87

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Amazon Comprehend

Real-time analysis  
Analysis jobs

Customization

Custom classification  
Custom entity recognition  
Flywheels  
Endpoints

Results

Search

< 1 >

your autopay settings	0.99+
your payment	0.99+
the due date	0.99+
your bank account number XXXXXX1111	0.96
the routing number XXXXX0000	0.87
Customer feedback	0.93
Sunshine Spa	0.99+
123 Main St	0.95
comments	0.98
Alice	0.99+
sunspa@mail.com	0.98
the spa	0.99+
The amenities	0.99+
the service	0.99+
the spa	0.99+
a great experience	0.99+

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# IBM

## Entities:

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example, held up better in the pandemic than it did during the global financial crisis. Provisional estimates suggest Europe's biggest economy contracted by 5% last year. EU GDP, meanwhile, is expected to have shrunk 6.4%, according to Eurostat. The United States fared even better by comparison, with GDP decreasing by 3.5% from the prior year. \* Today's figures show that the economy has experienced a serious shock as a result of the pandemic.

Entities (Out of the Box Model)

Edit Text

Extraction Classification Linguistics Custom

Entities Keywords Concepts Relations

Name	Type	Confidence
5%	Percent	0.80
EU GDP	Organization	0.32
6.4%	Percent	0.80
3.5%	Percent	0.80
prior year	Date	0.46
UK finance minister	JobTitle	0.38

JSON</>

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Entities (Out of the Box Model)

Edit Text

Extraction Classification Linguistics Custom

Entities Keywords Concepts Relations

Name	Type	Confidence
UK finance minister	JobTitle	0.38
Rishi Sunak	Person	0.99
last year	Date	0.71
United Kingdom	Location	0.98
Eurostat	Organization	0.90
Germany	Location	0.98

JSON</>

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Entities (Out of the Box Model)

Edit Text

Extraction Classification Linguistics Custom

Entities Keywords Concepts Relations

Name	Type	Confidence
Germany	Location	0.98
first quarter of 2021	Date	0.19
Europe	Location	0.97
fourth quarter of 2020	Date	0.30
United States	Location	0.79
Sam Miley	Person	1.00

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## Key Phrases:

example, held up better in the pandemic than it did during the global financial crisis. Provisional estimates suggest Europe's biggest economy contracted by 5% last year. EU GDP, meanwhile, is expected to have shrunk 6.4%, according to Eurostat. The United States fared even better by comparison, with GDP decreasing by 3.5% from the prior year. \* Today's figures show that the economy has experienced a serious shock as a result of the pandemic.

■ Key Words

Edit Text

Extraction Classification Linguistics Custom

Entities **Keywords** Concepts Relations

Keyword	Relevance
United Kingdom	0.776963
new national lockdown	0.754944
major economies	0.70698
United States	0.654875
current lockdown	0.637398
Today's figures	0.627715

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■ Key Words

Edit Text

Extraction Classification Linguistics Custom

Entities **Keywords** Concepts Relations

Keyword	Relevance
current lockdown	0.637398
Today's figures	0.627715
Provisional estimates	0.587479
positive signs of the economy	0.587391
double dip	0.567812
EU GDP	0.56418

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■ Key Words

Edit Text

Extraction Classification Linguistics Custom

Entities **Keywords** Concepts Relations

Keyword	Relevance
double dip	0.567812
EU GDP	0.56418
significant impact	0.559191
Europe's biggest economy	0.556672
worst recessions	0.554141
global financial crisis	0.545557

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■ Key Words

Edit Text

Extraction

Classification

Linguistics

Custom

Entities

Keywords

Concepts

Relations

JSON</>

Keyword	Relevance
serious shock	0.54523
fourth quarter	0.537379
Sam Miley	0.537048
EU-UK trade	0.535684
Disruption	0.533654
London-based Centre	0.531806

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■ Entities (Out of the Box Model)

Edit Text

Extraction

Classification

Linguistics

Custom

Entities

Keywords

Concepts

Relations

JSON</>

Name	Type	Confidence
United States	Location	0.79
Sam Miley	Person	1.00
January 5	Date	0.53
Today	Date	0.86
winter	Date	0.64
one	Number	0.80

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