Bamboo Pipe

User Manual

Refine search parameters

Enter the articles, as well as the entity-sentiments and topics you'd like to search the articles for

List of articles to search

Upload a file

Upload a .csv file containing URLs of articles

Browse... No file selected.

OR

Conduct a Google search

Key in a search term, then hit enter

OR

Enter article URLs

Key in comma-separated URLs, then hit enter

Key in article URLs, separated by commas, then hit enter

Enter articles

Entity-sentiment search

Select sentiments to apply to new entities:

☑ Negative   ☐ Neutral   ☐ Positive

Key in entities, separated by commas, then hit enter (or press the button below)

Enter entities

Topic search

sanction ✕   politically exposed person (pep) ✕   terrorist involvement ✕

corruption, bribery, fraud, and malfeasance ✕   tax evasion ✕   serious and organised crime ✕   labor abuse ✕

human rights abuse ✕   money laundering ✕   counterfeiting activity ✕   regulatory breaches ✕

war crimes and weapons trafficking ✕   operational violations ✕

breaches ✕   operations ✕

environmental - innovation ✕   environmental - resource use ✕   governance - csr strategy ✕

governance - management ✕   governance - shareholders ✕   social - community ✕   social - human rights ✕

social - product responsibility ✕   social - workforce ✕

Remove all topics   Add all topics

Refine search parameters
Enter articles and search requirements

Results overview
View results and shortlist articles

Shortlisted articles
Read and download shortlisted articles

Search articles →

Refine search parameters
Enter the articles, as well as the entity-sentiments and topics you'd like to search the articles for

List of articles to search

Upload a file
Upload a .csv file containing URLs of articles

Browse... No file selected.

OR

G

Conduct a Google search
Key in a search term, then hit enter

Search... | 5 articles ▾ | Search

OR

Enter article URLs
Key in comma-separated URLs, then hit enter

Key in article URLs, separated by commas, then hit enter

Enter articles

Entity-sentiment search

Select sentiments to apply
to new entities:

☑ Negative   ☐ Neutral   ☐ Positive

Enter entities

Topic search

sanction ✕

corruption, b...

human rights abuse ✕   money laundering ✕   counterfeiting activity ✕   regulatory breaches ✕

environmental - emissions

environmental - innovation ✕   environmental - resource use   governance - csr strategy ✕

governance - management ✕   governance - shareholders   social - community ✕   social - human rights ✕

social - product responsibility ✕   social - workforce ✕

Remove all topics   Add all topics

Step 1.1 Enter article URLs

There are three methods to enter article URLs:

   a.   Uploading a .csv file containing article URLs,

   b.   Keying in a search term and the number of articles to retrieve via Google search, and

   c.   Manually keying in (or copying and pasting) URLs. Separate each URL with a comma (extra spaces will be ignored).

For options (b) and (c), hit 'enter' or press 'Search'/'Enter entities' to search/add the URLs respectively.

Search articles →

Refine search parameters

Enter the articles, as well as the entity-sentiments and topics you'd like to search the articles for

List of articles to search

	Article URL	Remove
1.	https://www.moneyweb.co.za/news/tech/blood-test-startups-try-to-crawl-out-from-...	✖
2.	http://www.theguardian.com/books/2019/mar/25/the-rise-of-robot-authors-is-the-w...	✖
3.	http://www.jamaicaobserver.com/the-agenda/how-andrew-got-his-groove-back_160262...	✖
4.	https://www.businessinsider.com/10-things-in-tech-you-need-to-know-today-march-...	✖
		✖

G

Conduct a Google search

Key in a search term, then hit enter

| Search... | 5 articles ▾ | Search |

OR

Enter article URLs

Key in comma-separated URLs, then hit enter

Key in article URLs, separated by commas, then hit enter

Enter articles

Entity-sentiment search

Step 1.1 Enter article URLs

☐ Neutral   ☐ Positive

Entered URLs will be shown in a table afterwards. You may delete URLs from the table (or even all of them at once!) if you wish.

Enter entities

Topic search

sanction ✕   politically exposed person (pep) ✕   terrorist involvement ✕   ▾
corruption, bribery, fraud, and malfeasance ✕   tax evasion ✕   serious and organised crime ✕   labor abuse ✕
human rights abuse ✕   money laundering ✕   counterfeiting activity ✕   regulatory breaches ✕
war crimes and weapons trafficking ✕   bankruptcy insolvency ✕   intellectual property violations ✕
cyber breaches ✕   operational risks ✕   financial risks ✕   environmental - emissions ✕
environmental - innovation ✕   environmental - resource use ✕   governance - csr strategy ✕
governance - management ✕   governance - shareholders ✕   social - community ✕   social - human rights ✕
social - product responsibility ✕   social - workforce ✕

Remove all topics   **Add all topics**

Search articles →

Refine search parameters

Enter the articles, as well as the entity-sentiments and topics you'd like to search the articles for

List of articles to search

	Article URL	Remove
1.	https://www.moneyweb.co.za/news/tech/blood-test-startups-try-to-crawl-out-from-...	✖
2.	http://www.theguardian.com/books/2019/mar/25/the-rise-of-robot-authors-is-the-w...	✖
3.	http://www.jamaicaobserver.com/the-agenda/how-andrew-got-his-groove-back_160262...	✖
4.	https://www.businessinsider.com/10-things-in-tech-you-need-to-know-today-march-...	✖
		✖

Conduct a Google search

Key in a search term, then hit enter

| Search... | 5 articles ▾ | Search |

OR

Enter article URLs

Key in comma-separated URLs, then hit enter

Key in article URLs, separated by commas, then hit enter

Enter articles

Entity-sentiment search

Select sentiments to apply to new entities:

☑ Negative   ☐ Neutral   ☐ Positive

Key in entities, separated by commas, then hit enter (or press the button below)

Enter entities

Topic search

sanction ✕   politically exposed person (pep) ✕   terrorist involvement ✕

corruption, bribery, fraud and malfeasance ✕   ... ✕   serious and organised crime ✕   labor abuse ✕

Step 1.1 Enter article URLs

... ✕   regulatory breaches ✕

war crimes and weapons trafficking ✕   bankruptcy insolvency ✕   intellectual property violations ✕

You may also enter more articles by conducting more Google searches or by manually adding more URLs.

... - csr strategy ✕

governance - management ✕   governance - shareholders ✕   social - community ✕   social - human rights ✕

social - product responsibility ✕   social - workforce ✕

Remove all topics   Add all topics

Search articles →

Refine search parameters

Enter the articles, as well as the entity-sentiments and topics you'd like to search the articles for

Refine search parameters
Enter articles and search requirements

Results overview
View results and shortlist articles

Shortlisted articles
Read and download shortlisted articles

List of articles to search

	Article URL	Remove
1.	https://www.moneyweb.co.za/news/tech/blood-test-startups-try-to-crawl-out-from-...	✖
2.	http://www.theguardian.com/books/2019/mar/25/the-rise-of-robot-authors-is-the-w...	✖
3.	http://www.jamaicaobserver.com/the-agenda/how-andrew-got-his-groove-back_160262...	✖
4.	https://www.businessinsider.com/10-things-in-tech-you-need-to-know-today-march-...	✖
		✖

G

Conduct a Google search
Key in a search term, then hit enter

Search...	5 articles ▾	Search

OR

⌨

Enter article URLs
Key in comma-separated URLs, then hit enter

Key in article URLs, separated by commas, then hit enter

Enter articles

Entity-sentiment search

Select sentiments to apply to new entities: ☑ Negative   ☑ Neutral   ☐ Positive

theranos, openAI, elon musk, apple, cambridge analytica

Enter entities

Topic search

sanction   politically exposed person (pep)   terrorist involvement

corruption, bribery, fraud, and malfeasance   tax evasion   serious and organised crime   labor abuse

human rights ab...   bankruptcy insolvency   intellectual property violations

cyber breaches   operational risks   financial risks   environmental - emissions

e...ment   governance   ...

social - produc...   ...

Remove all topics   **Add all topics**

Step 1.2 Enter entity-sentiments of interest

1. Select sentiments to apply to new entities (negative is pre-selected).

2. Type in entities you'd like to search for. **Separate each entity with a comma (extra spaces will be ignored). All letters will also be converted to lowercase,** so don't worry about capitalisation!

3. Hit 'enter' on your keyboard or press the 'Enter entities' button to add the entity-sentiments.

Search articles →

Refine search parameters

Refine search parameters
Enter articles and search requirements

Results overview
View results and shortlist articles

Shortlisted articles
Read and download shortlisted articles

Enter the articles, as well as the entity-sentiments and topics you'd like to search the articles for

List of articles to search

	Article URL	Remove
1.	https://www.moneyweb.co.za/news/tech/blood-test-startups-try-to-crawl-out-from-...	✖
2.	http://www.theguardian.com/books/2019/mar/25/the-rise-of-robot-authors-is-the-w...	✖
3.	http://www.jamaicaobserver.com/the-agenda/how-andrew-got-his-groove-back_160262...	✖
4.	https://www.businessinsider.com/10-things-in-tech-you-need-to-know-today-march-...	✖
		✖

G

Conduct a Google search
Key in a search term, then hit enter

Search...	5 articles ▾	Search

OR

⌨

Enter article URLs
Key in comma-separated URLs, then hit enter

Key in article URLs, separated by commas, then hit enter

Enter articles

Entity-sentiment search

Select sentiments to apply to new entities: ☑ Negative   ☑ Neutral   ☐ Positive

Key in entities, separated by commas, then hit enter (or press the button below)

Enter entities

Entity	Sentiments			Remove
	Negative	Neutral	Positive	
theranos	☑	☑	☐	✖
openai	☑	☑	☐	✖
elon musk	☑	☑	☐	✖
apple	☑	☑	☐	✖
cambridge analytica	☑	☑	☐	✖
				✖

Step 1.2 Enter entity-sentiments of interest

Entered entity-sentiments will be shown in a table afterwards.

You may edit the sentiments for each entity, as well as delete entities from the table (you could also delete all of them at once!).

sanction ✕   politically exposed person (pep) ✕   terrorist involvement ✕

human rights abuse ✕   money laundering ✕   counterfeiting activity ✕   regulatory breaches ✕

environmental - innovation ✕   environmental - resource use ✕   governance - csr strategy ✕

governance - management ✕   governance - shareholders ✕   social - community ✕   social - human rights ✕

Search articles →

Refine search parameters

Enter the articles, as well as the entity-sentiments and topics you'd like to search the articles for.

List of articles to search

	Article URL	Remove
1.	https://www.moneyweb.co.za/news/tech/blood-test-startups-try-to-crawl-out-from-...	✖
2.	http://www.theguardian.com/books/2019/mar/25/the-rise-of-robot-authors-is-the-w...	✖
3.	http://www.jamaicaobserver.com/the-agenda/how-andrew-got-his-groove-back_160262...	✖
4.	https://www.businessinsider.com/10-things-in-tech-you-need-to-know-today-march-...	✖
		✖

G

Conduct a Google search

Key in a search term, then hit enter

| Search... | 5 articles ▾ | Search |

OR

⌨

Enter article URLs

Key in comma-separated URLs, then hit enter

Key in article URLs, separated by commas, then hit enter

Enter articles

Key in entities, separated by commas, then hit enter (or press the button below)

Enter entities

	Sentiments	
Entity	Positive	Remove
theranos	✓	✓	✖
	✓	✓	✖
elon musk	✓	✓	✖
		✖
cambridge analytica	✓	✓	✖

Step 1.3 Select topics of interest

Possible topics are fetched from a Google Sheet (that you have access to), and all topics are preloaded for your convenience.

You may click the 'x' icon to remove individual topics, or the red 'Remove all topics' button to remove all topics.

You may click on the dropdown to search and select topics to add, or the blue 'Add all topics' button to add all topics.

Topic search

sanction ✕ politically exposed person (pep) ✕ terrorist involvement ✕
corruption, bribery, fraud, and malfeasance ✕ tax evasion ✕ serious and organised crime ✕ labor abuse ✕
human rights abuse ✕ money laundering ✕ counterfeiting activity ✕ regulatory breaches ✕
war crimes and weapons trafficking ✕ bankruptcy insolvency ✕ intellectual property violations ✕
cyber breaches ✕ operational risks ✕ financial risks ✕ environmental - emissions ✕
environmental - innovation ✕ environmental - resource use ✕ governance - csr strategy ✕
governance - management ✕ governance - shareholders ✕ social - community ✕ social - human rights ✕
social - product responsibility ✕ social - workforce ✕

Remove all topics   Add all topics

Search articles →

Bamboo Pipe

Refine search parameters

Enter the articles, as well as the entity-sentiments and topics you'd like to search the articles for.

List of articles to search

	Article URL	Remove
1.	https://www.moneyweb.co.za/news/tech/blood-test-startups-try-to-crawl-out-from-...	✖
2.	http://www.theguardian.com/books/2019/mar/25/the-rise-of-robot-authors-is-the-w...	✖
3.	http://www.jamaicaobserver.com/the-agenda/how-andrew-got-his-groove-back_160262...	✖
4.	https://www.businessinsider.com/10-things-in-tech-you-need-to-know-today-march-...	✖
		✖

G

Conduct a Google search

Key in a search term, then hit enter

| Search... | 5 articles ▾ | Search |

OR

Enter article URLs

Key in comma-separated URLs, then hit enter

Key in article URLs, separated by commas, then hit enter

Enter articles

Key in entities, separated by commas, then hit enter (or press the button below)

Enter entities

Entity	Sentiments			Remove
	Negative	Neutral	Positive	
theranos	☑	☑	☐	✖
openai	☑	☑	☐	✖
elon musk	☑	☑	☐	✖
apple	☑	☑	☐	✖
cambridge analytica	☑	☑	☐	✖
				✖

Topic search

sanction ✖ politically exposed person (pep) ✖ terrorist involvement ✖
corruption, bribery, fraud, and malfeasance ✖ tax evasion ✖ serious and organised crime ✖ labor abuse ✖
human rights abuse ✖ money laundering ✖ counterfeiting activity ✖ regulatory breaches ✖
war crimes and weapons trafficking ✖ bankruptcy insolvency ✖ intellectual property violations ✖
cyber breaches ✖ operational risks ✖ financial risks ✖ environmental - emissions ✖

Step 1.4 Proceed to the next step

Once you're done, hit the 'Search articles' button to send the articles for processing!

governance - management ✖ governance - shareholders ✖ social - community ✖ social - human rights ✖

Remove all topics   Add all topics

Search articles →

Results overview

An overview of whether the entity-sentiments and/or topics of interest have been identified in each article. Select articles to view and export.

Article evaluation progress

Article URL	Entity-sentiment	Topic	Shortlist article?

Search a new set of articles

Review entity-sentiments of interest   Review topics of interest   View shortlisted articles

Bamboo Pipe

Results overview

An overview of whether the entity-sentiments and/or topics of interest have been identified in each article. Select articles to view and export.

Article evaluation progress				
Article URL		Entity-sentiment	Topic	Shortlist article?

Step 2.0a Wait for articles to be processed

Processing the articles may take some time, depending on how many requests are being processed in total. Until the first article is processed, the table will only show a single row, so don't worry about that!

| Search a new set of articles | Review entity-sentiments of interest | Review topics of interest | View shortlisted articles |

Bamboo Pipe

Results overview

An overview of whether the entity-sentiments and/or topics of interest have been identified in each article. Select articles to view and export.

Article evaluation progress

Article URL	Entity-sentiment	Topic	Shortlist article?

Step 2.0b Review search parameters (optional)

In the meantime, you may review the entity-sentiments and topics you have searched for! And don't worry, reviewing the parameters will not affect the processing speed.
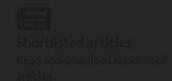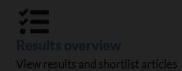
↺ Search a new set of articles

Review entity-sentiments of interest | Review topics of interest | View shortlisted articles →

Results overview

An overview of whether the entity-sentiments and/or topics of interest have been identified in each article. Select articles to view and export.

Article evaluation progress

Article URL	Entity-sentiment	Topic	Shortlist article?

Entity-sentiments searched for

Entity	Sentiments		
	Negative	Neutral	Positive
theranos	☑	☑	☐
openai	☑	☑	☐
elon musk	☑	☑	☐
apple	☑	☑	☐
cambridge analytica	☑	☑	☐

Close

Step 2.0b Review search parameters (optional)

And just in case you're worried, clicking on either of the buttons will bring up a modal; it won't navigate you to another page.

Search a new set of articles

Review entity-sentiments of interest   Review topics of interest   View shortlisted articles

Results overview

An overview of whether the entity-sentiments and/or topics of interest have been identified in each article. Select articles to view and export.

2/4

Article evaluation progress

	Article URL	Entity-sentiment	Topic	Shortlist article?
1.	https://www.moneyweb.co.za/news/tech/blood-test-startups-try-to-crawl-out-from-the-shadow-of-theran...	✔	✔	☑
2.	http://www.theguardian.com/books/2019/mar/25/the-rise-of-robot-authors-is-the-writing-on-the-wall-f...	✔	✔	☑
3.		○	○	○
4.		○	○	○
				☐

Step 2.1 See a summary of results

As each article is processed, they will be shown in the table. (Articles that encountered errors processing will also be noted.)

Clicking on a URL will open the corresponding link in a new tab, which will be useful for articles that had issues being processed by Bamboo Pipe.

Search a new set of articles

Review entity-sentiments of interest   Review topics of interest   View shortlisted articles

Q **Refine search parameters**
Enter articles and search requirements

Results overview
View results and shortlist articles

Shortlisted articles
Read and download shortlisted articles

Results overview

An overview of whether the entity-sentiments and/or topics of interest have been identified in each article. Select articles to view and export.

4/4

Article evaluation progress

	Article URL	Entity-sentiment	Topic	Shortlist article?
1.	https://www.moneyweb.co.za/news/tech/blood-test-startups-try-to-crawl-out-from-the-shadow-of	✔	✔	☑
2.	http://www.theguardian.com/books/2019/mar/25/the-rise-of-robot-authors-is-the-writing-on-the-	✔	✔	☑
3.	http://www.jamaicaobserver.com/the-agenda/how-andrew-got-his-groove-back_160262?profile=1	✖	✔	☑
4.	https://www.businessinsider.com/10-things-in-tech-you-need-to-know-today-march-25-2019-3	✔	✔	☑
				☐

Entity-sentiments detected

Apple	0	0	0
Cambridge analytica	0	0	0
Elon musk	0	0	1
Openai	2	1	3
Theranos	0	0	0

Step 2.1 See a summary of results

You may hover over the checks or crosses to view the results of each article!

↺ Search a new set of articles

Review entity-sentiments of interest

Review topics of interest

View shortlisted articles →

Results overview

An overview of whether the entity-sentiments and/or topics of interest have been identified in each article. Select articles to view and export.

Refine search parameters
Enter articles and search requirements

Results overview
View results and shortlist articles

Shortlisted articles
Read and download shortlisted articles

Entity-sentiment legend

| Entity with sentiment of interest | Negative Count | Neutral Count | Positive Count |
| Entity without sentiment of interest | Negative Count | Neutral Count | Positive Count |

	Article URL		Entity-sentiment	Topic	Shortlist article?
1.	https://www.moneyweb.co.za/news/tech/blood-		✓	✓	✓
2.	http://www.theguardian.com/books/2019/mar/25/the-rise-of-robot-authors-is-the-writing-on-the-wall-f...		✓	✓	✓
3.	http://www.jamaicaobserver.com/the-agenda/how-andrew-got-his-groove-back_160262?profile=1444				✓
4.	https://www.businessinsider.com/10-things-in-tech-you-need-to-know-today-march-25-2019-3		✓	✓	✓
					☐

Step 2.1 See a summary of results

For information on how to read the popups, you may hover over their respective cells in the table header.

↺ Search a new set of articles

Review entity-sentiments of interest

Review topics of interest

View shortlisted articles ▶

Bamboo Pipe

Results overview

An overview of whether the entity-sentiments and/or topics of interest have been identified in each article. Select articles to view and export.

	4/4

Article evaluation progress

	Article URL	Entity-sentiment	Topic	Shortlist article?
1.	https://www.moneyweb.co.za/news/tech/blood-test-startups-try-to-crawl-out-from-the-shadow-of-theran...	✔	✔	☑
2.	http://www.theguardian.com/books/2019/mar/25/the-rise-of-robot-authors-is-the-writing-on-the-wall-f...	✔	✔	☑
3.	http://www.jamaicaobserver.com/the-agenda/how-andrew-got-his-groove-back_160262?profile=1444	✘	✔	☑
4.	https://www.businessinsider.com/10-things-in-tech-you-need-to-know-today-march-25-2019-3	✔	✔	☑
				☐

Refine search parameters
Enter articles and search requirements

Results overview
View results and shortlist articles

Shortlisted articles
Read and download shortlisted articles

Step 2.2 Shortlist articles for reading

If you're interested in reading an article, please ensure that its checkbox is checked! By default, Bamboo Pipe will shortlist articles that match any entity-sentiment or topic that was searched for.

↺ Search a new set of articles

Review entity-sentiments of interest

Review topics of interest

View shortlisted articles ➔

Results overview

An overview of whether the entity-sentiments and/or topics of interest have been identified in each article. Select articles to view and export.

| | | 4/4 |

Article evaluation progress

	Article URL	Entity-sentiment	Topic	Shortlist article?
1.	https://www.moneyweb.co.za/news/tech/blood-test-startups-try-to-crawl-out-from-the-shadow-of-theran...	✔	✔	☑
2.	http://www.theguardian.com/books/2019/mar/25/the-rise-of-robot-authors-is-the-writing-on-the-wall-f...	✔	✔	☑
3.	http://www.jamaicaobserver.com/the-agenda/how-andrew-got-his-groove-back_160262?profile=1444	✘	✔	☑
4.	https://www.businessinsider.com/10-things-in-tech-you-need-to-know-today-march-25-2019-3	✔	✔	☑
				☐

Step 2.3 Proceed to the next step

Once you're done, hit the 'View shortlisted articles' button to read and download the articles you've shortlisted! You may also click this button when there are still articles being processed, but you won't be able to download any of the articles yet.

Refine search parameters
Enter articles and search requirements

Results overview
View results and shortlist articles

Shortlisted articles
Read and download shortlisted articles

Search a new set of articles

Review entity-sentiments of interest

Review topics of interest

View shortlisted articles

Q
Refine search parameters
Enter articles and search
requirements

✓≡
Results overview
View results and shortlist articles

▦
Shortlisted articles
Read and download shortlisted
articles

Shortlisted articles

Read and/or download shortlisted articles. Hover over labelled/underlined entities in the articles to view their entity type and sentiment.

1. Blood-test startups try to crawl out from the shadow of Theranos

2. The rise of robot authors: is the writing on the wall for human novelists?

3. How Andrew got his groove back

4. 10 things in tech you need to know today

Entities with sentiments of interest

Topics of interest

Refine search parameters
Enter articles and search requirements

Results overview
View results and shortlist articles

Select an article on the left to view

Shortlisted articles
Read and download shortlisted articles

← Results overview

Select articles to download ⤓   Search a new set of articles ↻

Bamboo Pipe

Shortlisted articles

Read and/or download shortlisted articles. Hover over labelled/underlined entities in the articles to view their entity type and sentiment.

1. Blood-test startups try to crawl out from the shadow of Theranos

2. The rise of robot authors: is the writing on the wall for human novelists?

3. How Andrew got his groove back

4. 10 things in tech you need to know today

Step 3.1 Select an article to read

Articles you have shortlisted will appear in this menu on the left. Select an article to begin reading!

▤

Select an article on the left to view

Entities with sentiments of interest

Topics of interest

← **Results overview**

Select articles to download ⬇

Search a new set of articles ↻

Shortlisted articles

Read and/or download shortlisted articles. Hover over labelled/underlined entities in the articles to view their entity type and sentiment.

1. Blood-test startups try to crawl out from the shadow of Theranos

2. The rise of robot authors: is the writing on the wall for human novelists?

3. How Andrew got his groove back

4. 10 things in tech you need to know today

The rise of robot authors: is the writing on the wall for human novelists?

http://www.theguardian.com/books/2019/mar/25/the-rise-of-robot-authors-is-the-writing-on-the-wall-for-human-novelists

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Step 3.2 Read an article

Openai   2   1   3

The article you selected will appear here.

Top detected topic of each paragraph

Hover over each row to jump to the paragraph in the article and to view the top three topics per paragraph

1. Environmental - innovation   0.9989
2. Governance - csr strategy   0.67913
3. Social - workforce   0.63704
4. Social - product responsibility   0.73095
5. Governance - management   0.99998
6. Environmental - innovation   0.99792
7. Social - community   0.96432
8. Social - community   0.96356
9. Governance - management   0.89963
10. Social - product responsibility   0.34506
11. Social - community   1
12. Social - community   0.70577
13. Social - community   1
14. Governance - csr strategy   0.99879

← Results overview

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Detected entities with sentiments of interest

[Openai]   [2]   [1]   [3]

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8. Social - community   0.96356

9. Governance - management   0.89963

10. Social - product responsibility   0.34506

11. Social - community   1

12. Social - community   0.70577

Step 3.2 Read an article

The overall article analysis will be presented here.

14. Governance - csr strategy   0.99879

← Results overview

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http://www.theg... ...robot-authors-is-the-writing-on-the-wall-for-human-novelists...

Entity-sentiment
Entity type and sentiment confidence score

| Entity type | PRODUCT | | Neutral | 0.64935 |

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Step 3.2 Read an article

Hovering over entities in the article will present a popup that states the entity's predicted type as well as its predicted sentiment (and the model's confidence score for that sentiment).

In this case, OpenAI is predicted to be a product, and its sentiment in this instance is predicted to be neutral, with a confidence score of approximately 0.65.

Detected entities with sentiments of interest

OpenAI   2   1   3

1. Environmental - innovation   0.9989
2.
3.
4. Social - product responsibility   0.73095
5. Governance - management   0.99998
6. Environmental - innovation   0.99792
7. Social - community   0.96432
8. Social - community   0.96356
9. Governance - management   0.89963
10. Social - product responsibility   0.34506
11. Social - community   1
12. Social - community   0.70577
13. Social - community   1
14. Governance - csr strategy   0.99879

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Let 's first take a step back . AI has been the next big thing for so long it's practically old hat by now. It does n't , if by " intelligence " we mean what we sometimes encounter in our fellow humans , exist using methods of statistical analysis , trained on huge amounts of human - written text. This is, after all, how Amazon recommendations from Reddit readers – to predict what ought to come next. It's how the predictive text of Google Translate works , and also the method behind Gmail 's automatic replies (" OK . " " See you then . " " That 's fine! ") It can be eerily good , but it is not as intelligent as , say , a bee .

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Entity-sentiment
Entity type and sentiment confidence score

| Entity type | PERSON | Positive | 0.53237 |

Detected entities with sentiments of interest

Openai   2   1   3

Top detected topic of each paragraph
Hover over each row to jump to the paragraph in the article and to view the top three topics per paragraph

1. Environmental - innovation   0.9989
2. Governance - car strategy   0.67713
3.
4. Social - product responsibility   0.73095
5. Governance - management   0.99996
6.
10. Social - product responsibility   0.34506
11. Social - community   1
12. Social - community   0.70577
13. Social - community   1
14. Governance - csr strategy   0.99879

Step 3.2 Read an article

Similarly, in this case, Elon Musk is predicted to be a person, and his sentiment in this instance is predicted to be positive, with a confidence score of approximately 0.53.

Notice that despite the fancy box around his name in the article, he does not appear in the overall article analysis panel on the right. This is because this is the only instance he appears in this article, and it has a positive sentiment, which we were not interested in. (Earlier, we had searched for only negative and neutral sentiments.)

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Entity-sentiment
Entity type and sentiment confidence score

| Entity type | PERSON | | Neutral | 0.93761 |

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history and history of science . "

Step 3.2 Read an article

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Analysis is also available for other entities that are detected in the article, despite not searching for them at all. They will be underlined rather than boxed-up.

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Openai | 2 | 1 | 3

Top detected topic of each paragraph

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7.	Social - community	0.99432
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As a news reporter , GPT2 is , to put it generously , rather Trumpian . Fed the first line of a Brexit story – " Brexit has already cost the UK economy at least £ 80bn since the EU referendum " – it went on a nutty free - associative spree that warned , among

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Step 3.2 Read an article

Hovering over each row in the topic modelling segment will highlight its corresponding paragraph in the article, as well as bring up the top three detected (predicted) topics of that paragraph, along with their corresponding confidence scores.

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3.   Social - workforce   0.63704
4.   Social - product responsibility   0.73095
5.   Governance - management   0.99998
6.   Environmental - innovation   0.99792
7.   Social - community   0.96432
8.   Social - community   0.96356
9.   Governance - management   0.89963
10.   Social - product responsibility   0.34506
11.   Social - community   1
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4. 10 things in tech you need to know today

The rise of robot authors: is the writing on the wall for human novelists?

http://www.theguardian.com/books/2019/mar/25/the-rise-of-robot-authors-is-the-writing-on-the-wall-for-human-novelists

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Detected entities with sentiments of interest

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... -duct responsibility   0.34506

11. Social - community   1
12. Social - community   0.70577
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Let 's first take a step back . AI has been the next big thing for so long that it 's easy to assume " artificial intelligence " now exists . It does n't , if by " intelligence " we mean what we sometimes encounter in our fellow humans . GPT2 is just using methods of statistical analysis , trained on huge amounts of human - written text – 40 GB of web pages , in this case , that received recommendations from Reddit readers – to predict what ought to come next . This probabilistic approach is how Google Translate works , and also the method behind Gmail 's automatic replies (" OK . " " See you then . " " That 's fine ! ") It can be eerily good , but it is not as intelligent as , say , a bee .

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