

AYLIEN Text Analysis add-on functions:

The Text Analysis add-on can be used with our specifically developed, easy to use functions.

Below we've listed all of the AYLIEN Text Analysis Add-on functions that are available when using the add-on. They are grouped by endpoint for easy reference.

Functions Cheat Sheet:

Entities and Concepts:

- People(value): Returns a list of the people mentioned in a text or URL.
- Organizations(value): Returns a list of the organizations mentioned in a text or URL.
- Locations(value): Returns a list of the locations mentioned in a text or URL.
- Keywords(value): Returns a list of keywords from a text or URL.
- Dates(value): Returns a list of all date values mentioned in a text or URL.
- Money(value): Returns a list of all money values mentioned in a text or URL.
- Percentages(value): Returns a list of all percentage values mentioned in a text or URL.
- Times(value): Returns a list of all time values mentioned in a text or URL.
- URLs(value): Returns a list of all links mentioned in a text or URL.
- Emails(value): Returns a list of all email addresses mentioned in a text or URL.
- Phones(value): Returns a list of all phone numbers mentioned in a text or URL.
- Concepts(value): Returns a list of concepts mentioned in a text or URL.

Sentiment Analysis:

- SentimentPolarity(value): Returns the polarity ('positive' or 'negative') of a text or URL.
- SentimentSubjectivity(value): Returns the subjectivity ('subjective' or 'objective') of a text or URL.
- NeutralAspects(value, "domain"): Returns neutral aspects of a customer feedback or review
- NegativeAspects(value, "domain"): Returns negative aspects of a customer feedback or review
- PositiveAspects(value, "domain"): Returns positive aspects of a customer feedback or review
- Aspects(value, "domain"): Returns aspects of a customer feedback or review

The domain parameter chooses which industry domain you would like to use. Options are; “hotels”, “airlines”, “retaurants” and “cars”.

Example: PositiveAspects(D3, “cars”)

Classification:

- Classification(value): Returns the classification of a text or URL.
- ClassificationByTaxonomy(value, “taxonomy”): Returns the classification of a text or URL based on provided taxonomy

Currently we classify text according to 2 taxonomies; IPTC News codes and IAB QA guidelines. Use the following parameters: `iab-qag` and `iptc-subjectcode`.

Example: ClassificationByTaxonomy(D3, “iab-qag”)

Extraction:

- PageTitle(url): Returns the title of an URL.
- PageText(url): Returns the text of an URL.
- MainImage(url): Returns the main image of an URL.
- Videos(url): Returns the embedded videos of an URL.
- Author(url): Returns the author name of an URL.

Misc:

- Hashtags(value): Returns a list of suggested hashtags for a text or URL.
- Language(value): Returns the main language of a text or URL in ISO 639-1 format.
- Summarize(value,[title]): Returns a list of key sentences from a text or URL.

Note: *Parameters in [] are optional parameters.*