

## Intellect's Contextual Sentiment API

The Contextual Sentiment REST API provides a service to evaluate both contextual and standard sentiment for unstructured text.

To use the service, you must make a POST request to the API URL and use the instructions below to formulate your parameters

### Required headers

- **key**— Your API key, this key is used to identify you as a user.

### Required POST body parameters

- **body\_text** — The unstructured text (e.g. news article, tweet, blog post)

### Optional data

- **processed\_term**— The company or individual's name around whom the sentiment should be evaluated

## Response

Json response with the following fields

- `sentiment_text`
  - `POSTIVE/NEGATIVE/NEUTRAL`
- `sentiment_score`
  - an integer one of `{-1,0,1}` corresponds to `sentiment_text`
- `triggers`
  - list of negative words detected and their respective negative scores

## Examples

We will use the python programming language in our examples, please note API key is purposefully omitted

```
import requests
response = requests.post('https://api.intellectseecstaq.com/sentiment?apikey=
headers={'apikey'
json={'body_text':'In 2018, technology adoption defined the success of several Micro, Small and Medium Enterprises
(MSMEs) in India. Cross-sectoral implementations boomed especially in key sectors like logistics & supply chain, health, agri-related
industries, and others. YES BANK, which has been focusing massively on the technology adoption segment through a slew of digital
innovations like instant OD availability, GST-based lending, etc. also launched an iinnovation and solutioning platform – YES SCALE last
year. With this platform, YES BANK now extends its Knowledge Banking focus to providing Digital Transformation support to its key MSME
partners through curated banking and technology solutions. This new initiative provides a new dimension to the bank's initiatives to
support startups working on technology-based solutions that focus on the sunrise sectors of the economy. Scaling up woes of flourishing
MSME entrepreneurs As per the National Sample Survey (NSS), India has an estimated 633.88 lakh unincorporated non-agricultural MSMEs. 90%
of these MSMEs come under the Micro sector. Other than contributing to India's economic growth, the MSME sector creates 11.10 crore jobs in
rural and urban areas. However, there are several challenges faced by the sector when it comes to formalisation, access to finance,
availability of skilled manpower, access to the latest technology, etc. While there has been tremendous progress in rural entrepreneurship,
scaling up the rural businesses continues to be a challenge. In such a scenario, platform aggregators are creating value for MSME
businesses by putting together integrated processes. The YES SCALE platform by YES BANK started off as an accelerator to enable the growth
of promising startups in focused growth sectors. The accelerator has been successfully providing cohort startups quicker go to market
opportunity with industry leaders in just 15 weeks. Also, startups get to establish connect with strategic investors for growth funding.
Today, YES SCALE has grown into an innovation and solutioning platform for co-creating solutions to support MSME business owners, promoters
and entrepreneurs. YES SCALE co-creates solutions for key MSME clients More than 20,000 startups have emerged in India in the last few
years. As the 2nd largest startup ecosystem in the world, India has attracted numerous investors and collaboration opportunities for
startups. While there has been a slew of startup solutions that are focused across sectors, dedicated solutions for MSME promoters and
entrepreneurs have been limited. With a focus on using emerging technology and startup innovations to address this segment, the YES SCALE
program has launched curated platform banking solutions for MSME business owners. With innovative applications of emerging technologies
like AI and IoT, the solutions help them manage their businesses.','processed_term':'YES Bank'})
```

## Output

```
{"model_ver":"09-30-2019","sentiment_score":13.0,"sentiment_text":"POSITIVE","triggers":
{"enable":1.0,"extends":1.0,"focus":2.0,"focused":2.0,"growth":2.0,"innovations":1.0,"solutions":1.0,"support":2.0,"yes":1.0}}
```