

Informatics Institute of Technology

In collaboration, with

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**TweetSense - Sentiment Analysis API using Twitter
to Analyze Public's Opinions on Specified Topics**

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Abstract

The project is primarily targeted on a REST API Service which will analyse Tweets from the Social Media Platform, "Twitter" in order to perform Sentiment Analysis on per-said Tweets in order assess Public's Opinion on a Specified Topic. The performed is an accurate and efficient way of testing the waters when it comes to opinions extracted from Social Media. The system is so vital in this day and age where social media has taken a CenterStage in public's opinion making process and more and more brands are trying to use this to their advantage through the social media marketing and opinion hunting.

Today, the time you spend on the research time of a project will directly affect how fast you can get a project, or a product on the market. This API looks to reduce the overhead where it takes a lot of time and effort to assess the markets and social media opinions and make the tedious and manual process of Sentiment Analysis into a fast and efficient process. As products and brands will spend less time invested in research, with the aid of proper tools like this, they will be able to maximise their productivity immensely.

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