**MINI PROJECT – II**

**(2018-19)**

# Sentiment Analysis of YouTube Videos

**SYNOPSIS**



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**About the Project:**

Sentiment Extraction from YOUTUBE Video is based on NLP (i.e. Natural Language Processing) technology. The main objective of this project is to analyse and extract the sentiment of the YouTube videos. Social networking applications such as Twitter, Facebook, YouTube, Instagram, etc. are popularly used to express one’s sentiment and opinion on a variety of topics. A large number of these applications rely on text as the main medium of communication. Websites such as YouTube use video as the primary source of the communicating information. For example, “unboxing” is a popular theme on YouTube where users express their opinion and sentiment about products while unpacking and experiencing the product for the first time. Sentiment systems that can crawl and mine these information resources can assist in establishing the popular sentiment or the “word of mouth” on a large range of topics. Such information can be useful to business and consumers alike.

**Motivation:**

When we do a YouTube search for videos, more often than not, it happens that the caption displayed at the bottom of video player doesn’t match appropriately with the content displayed. Our project aims to analyze the caption displayed and match it with the video content for the appropriateness, & in case of faulty or wrong caption, suggest a correct caption sequence.

It also aims to perform sentiment analysis on YouTube videos & perform categorization.

**Requirements:**

1. **Hardware:**

* Intel® Core™ i5 processor
* 4 GB RAM

1. **Software:**

* Python language
* NLP API