



Automated Sentiment Analysis of Web Multimedia

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Introduction

- Modern life has become easier due to internet.
- Works as a global encyclopedia of information.
- Any kind of information on any topic.
- Retrieving this information efficiently is the prime need of today.



Drawbacks of Existing System

- Existing system is very straightforward in nature.
- User goes to particular website and enters a search query.
- Website finds relevant results based on the title of multimedia.
- A better system is possible in which user gets general idea about content of search results.



Problem Statement

- To analyse sentiments and extract tags from Web Multimedia like Google Podcasts and YouTube videos using natural language processing and machine learning.



Objectives

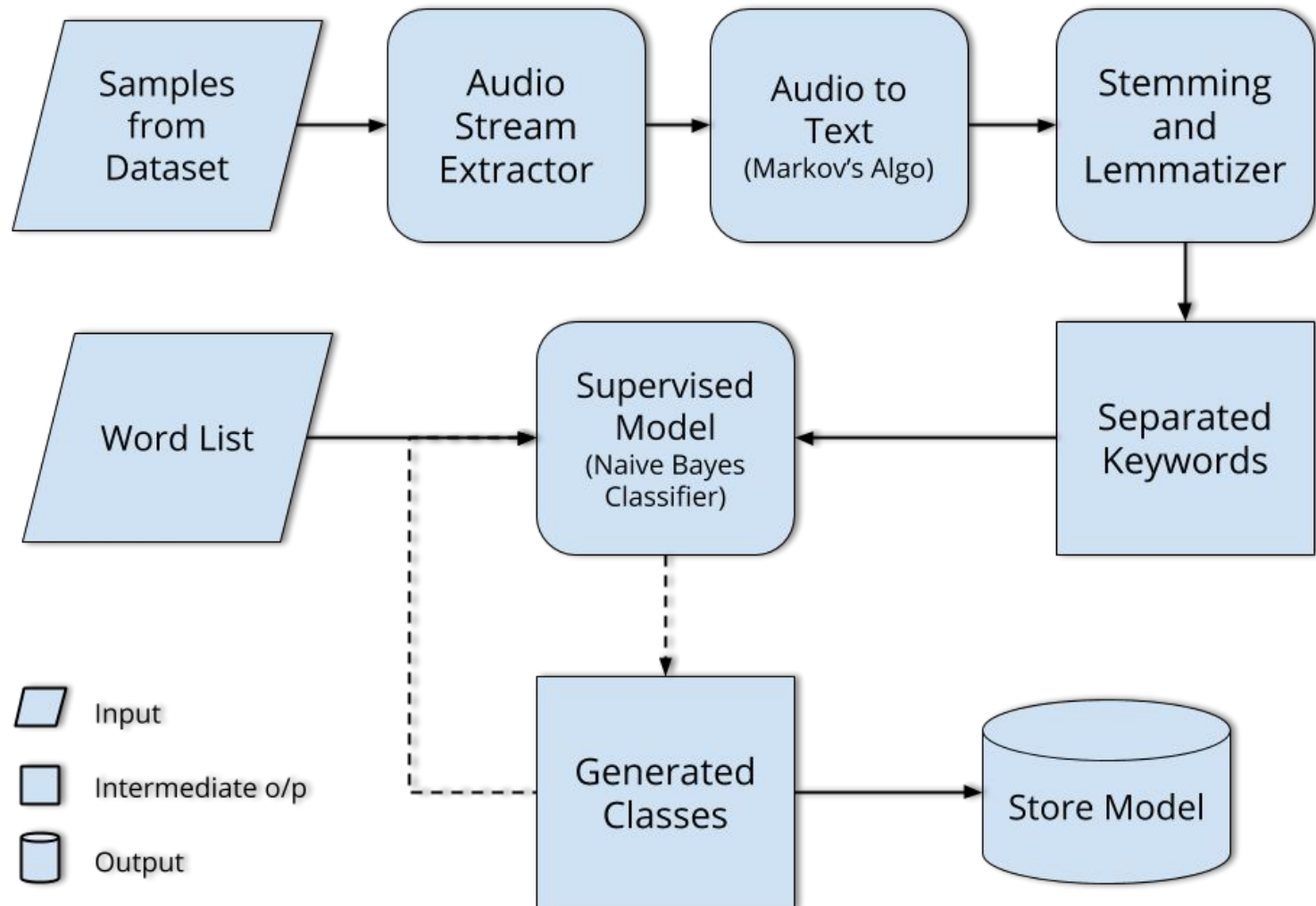
- To detect and classify speaker sentiments from media.
- To tag media with appropriate keywords automatically.
- To let user get general idea about the content of media without opening it.
- To help users from click-baits.



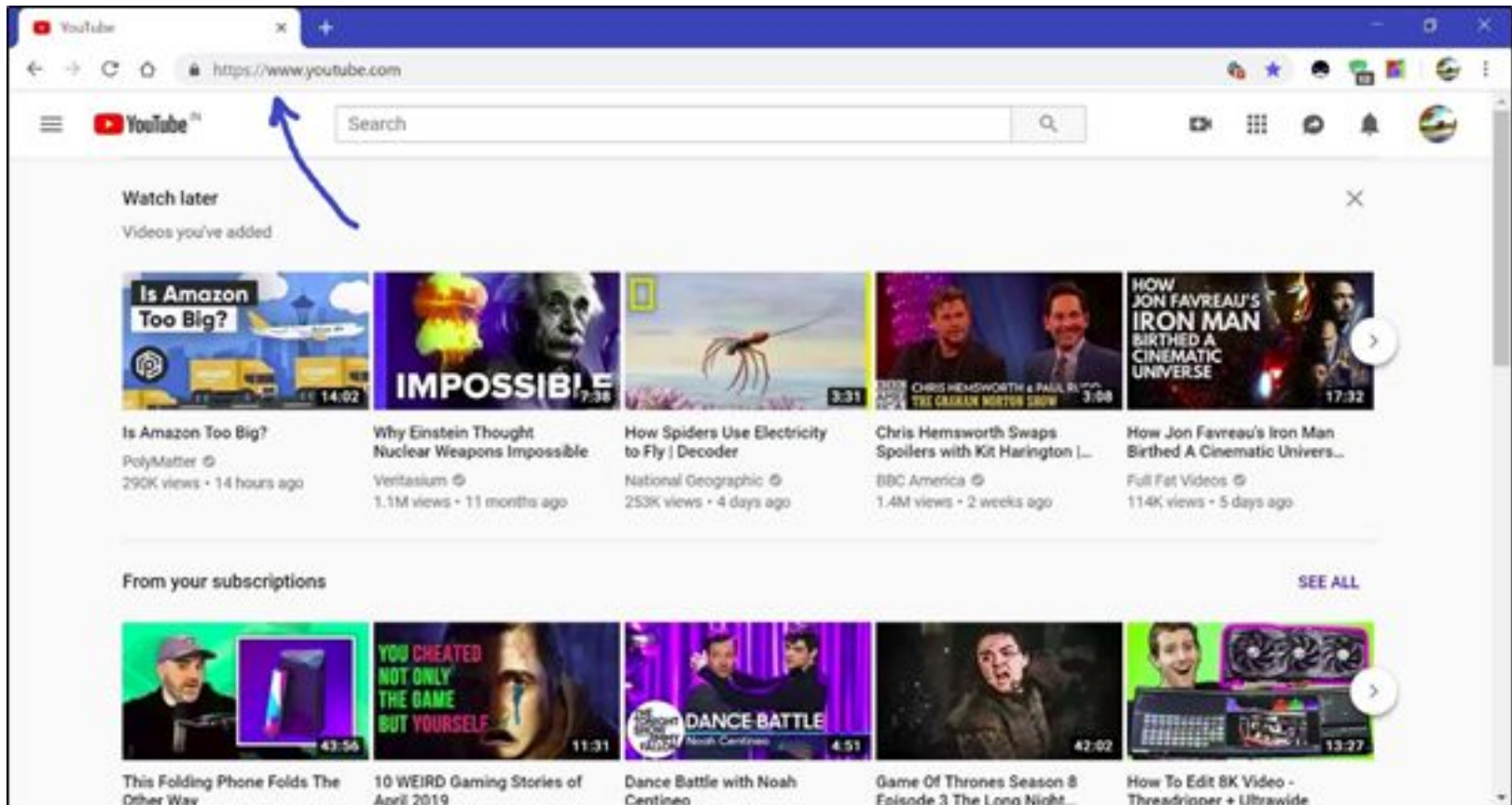
Methodology

- Ff-Mpeg Library
- Markov's Algorithm
- Porter's Algorithm
- Naive Bayes classifier

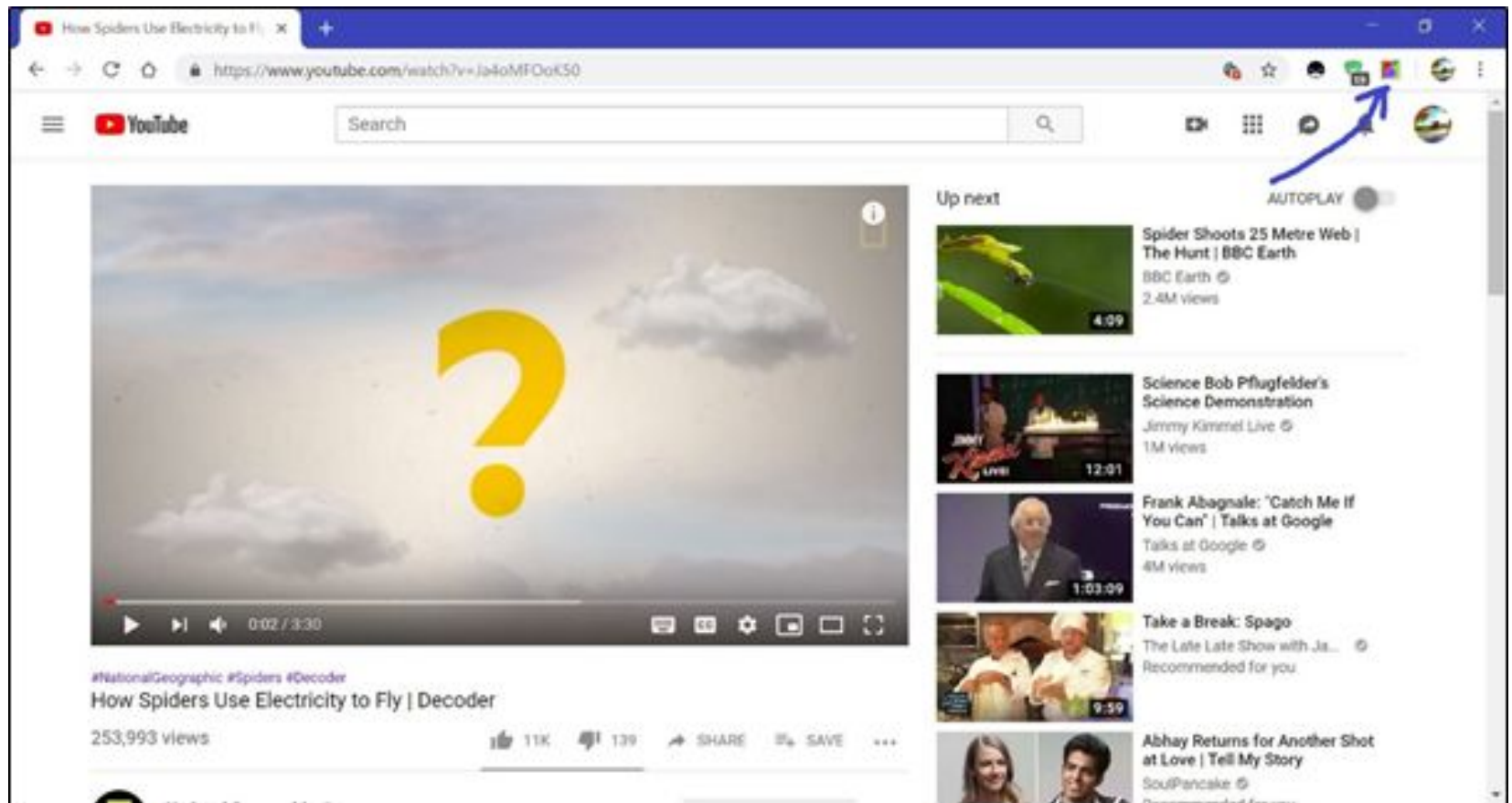
Block Diagram



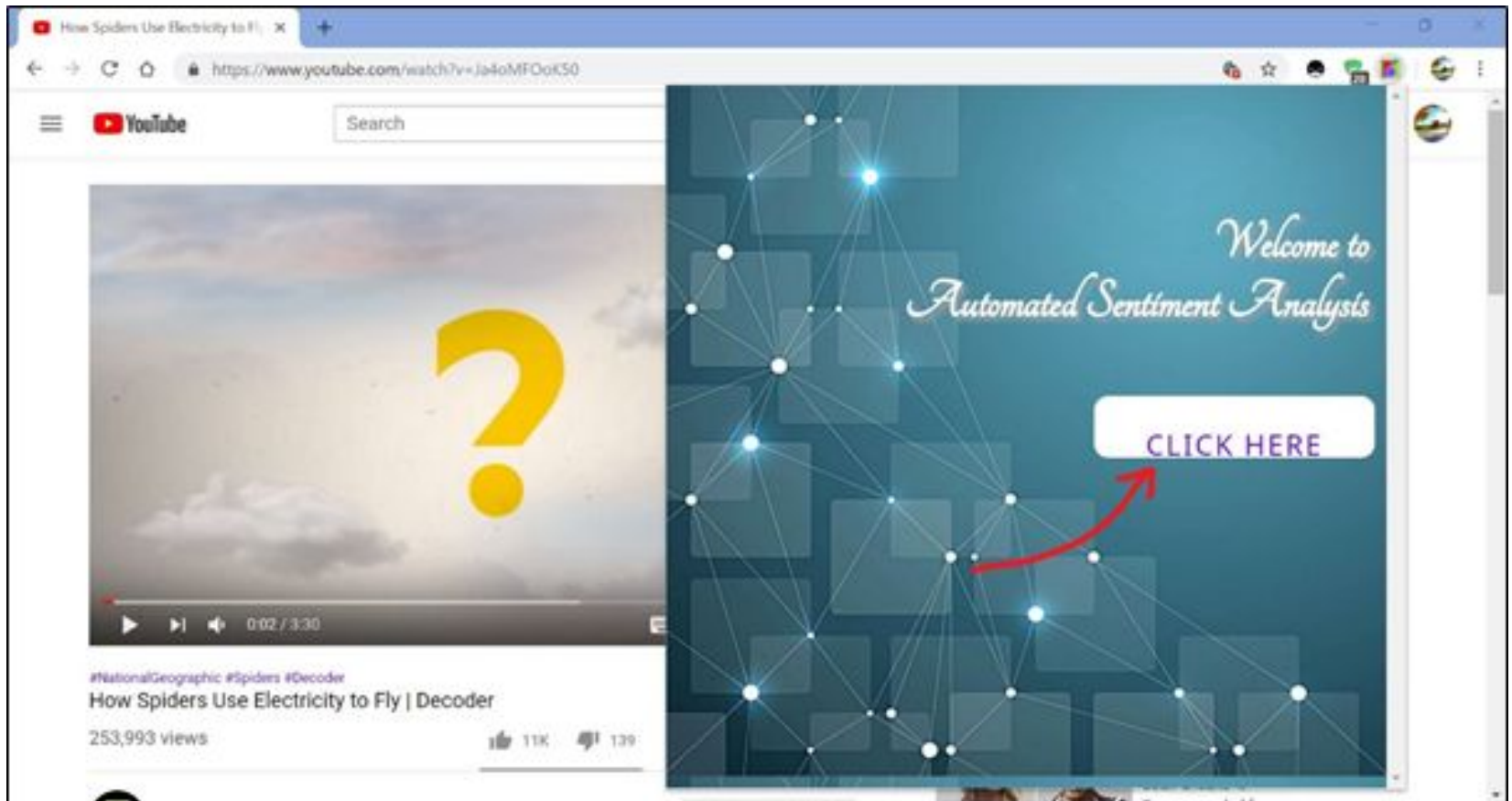
Working



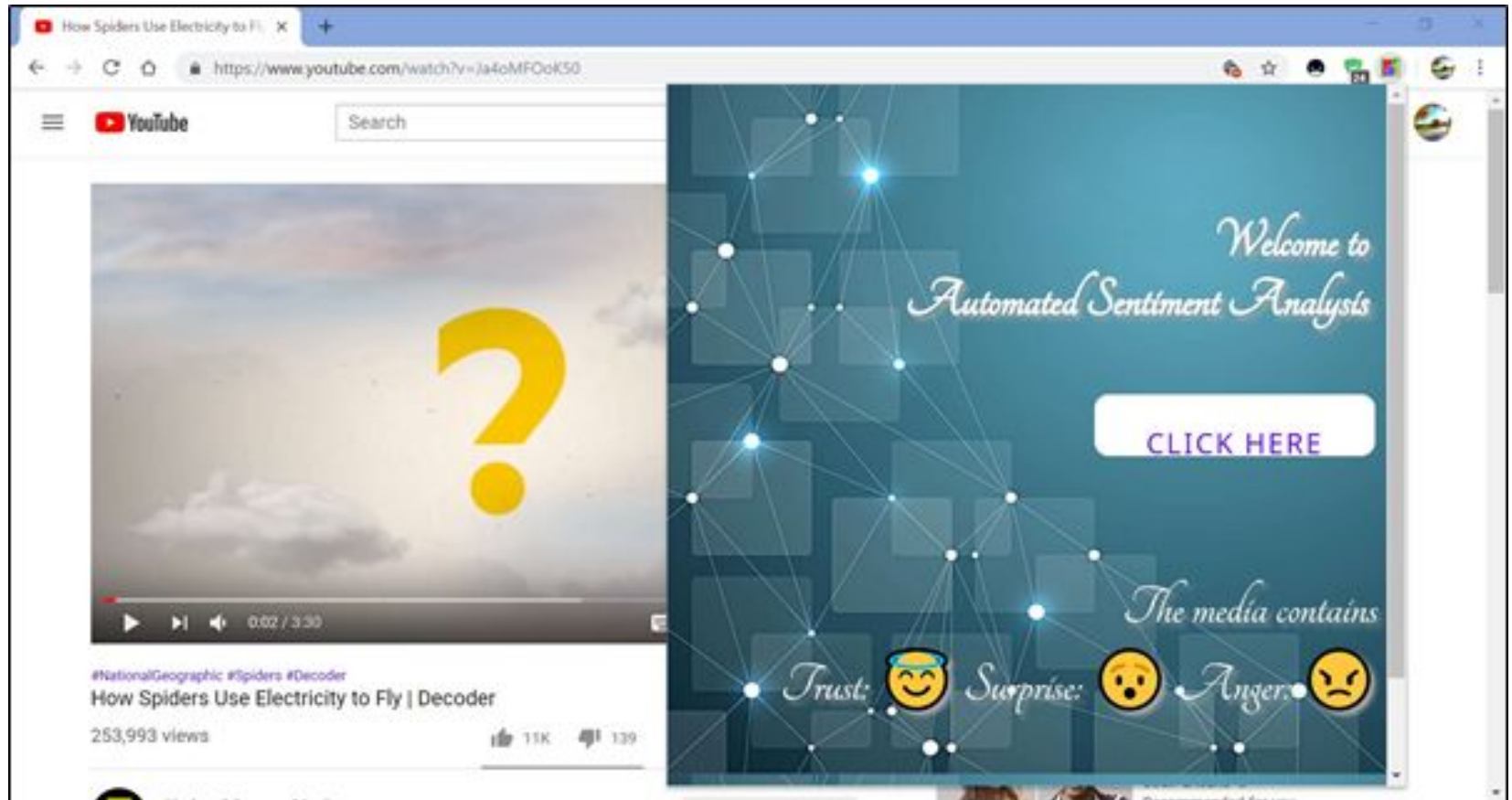
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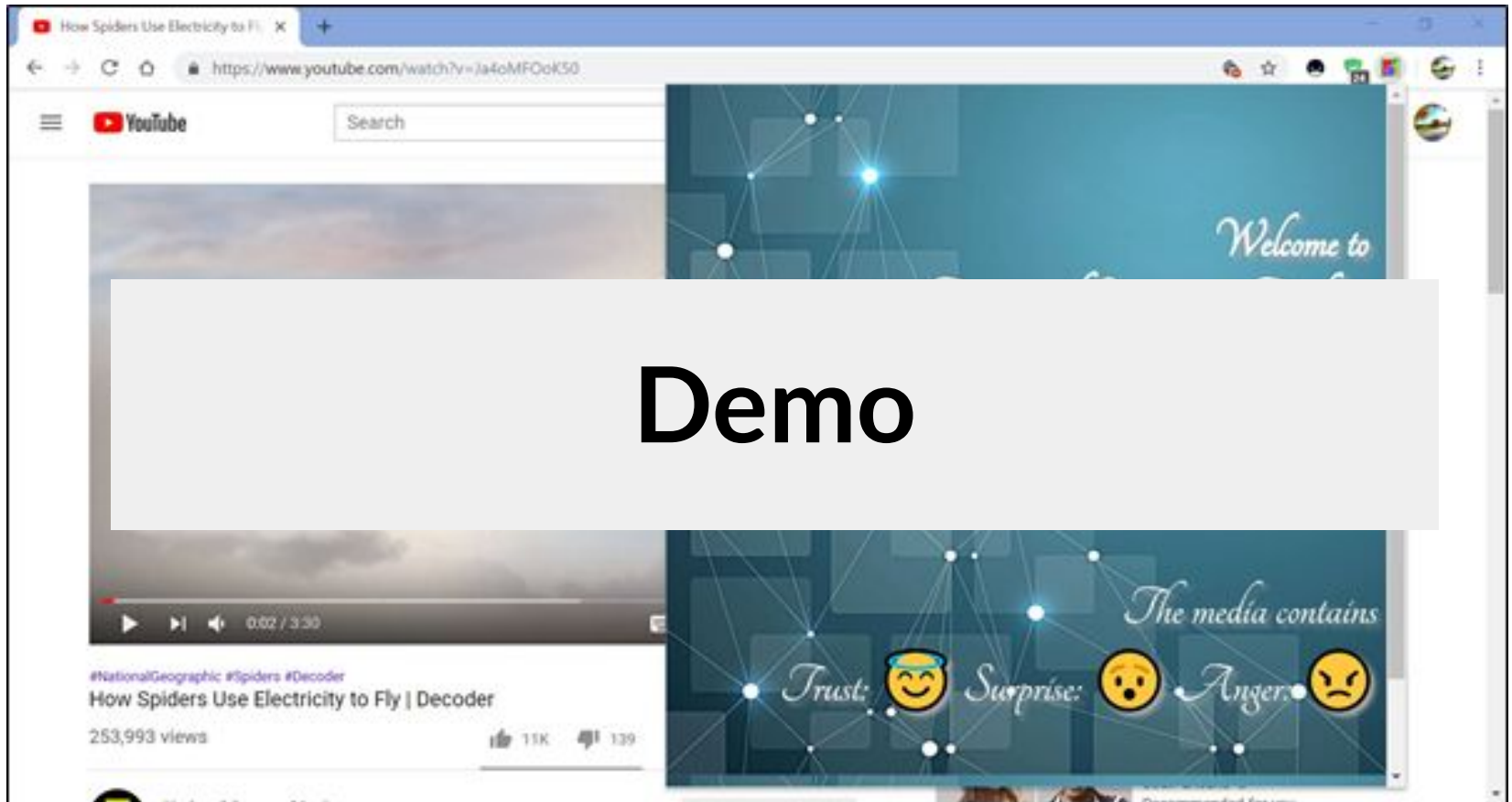
Working



Working



Working





Applications

- Analysing mood and trend of public.
- To prevent user from click-baits, misleading media.
- To raise flag for sensitive-content.



Thank you