HELLO!

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Utilizing Deep Learning To Classify Tweets

Agenda
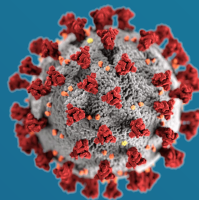
01 Project Scope

02 Project Goals

03 What We Are Using
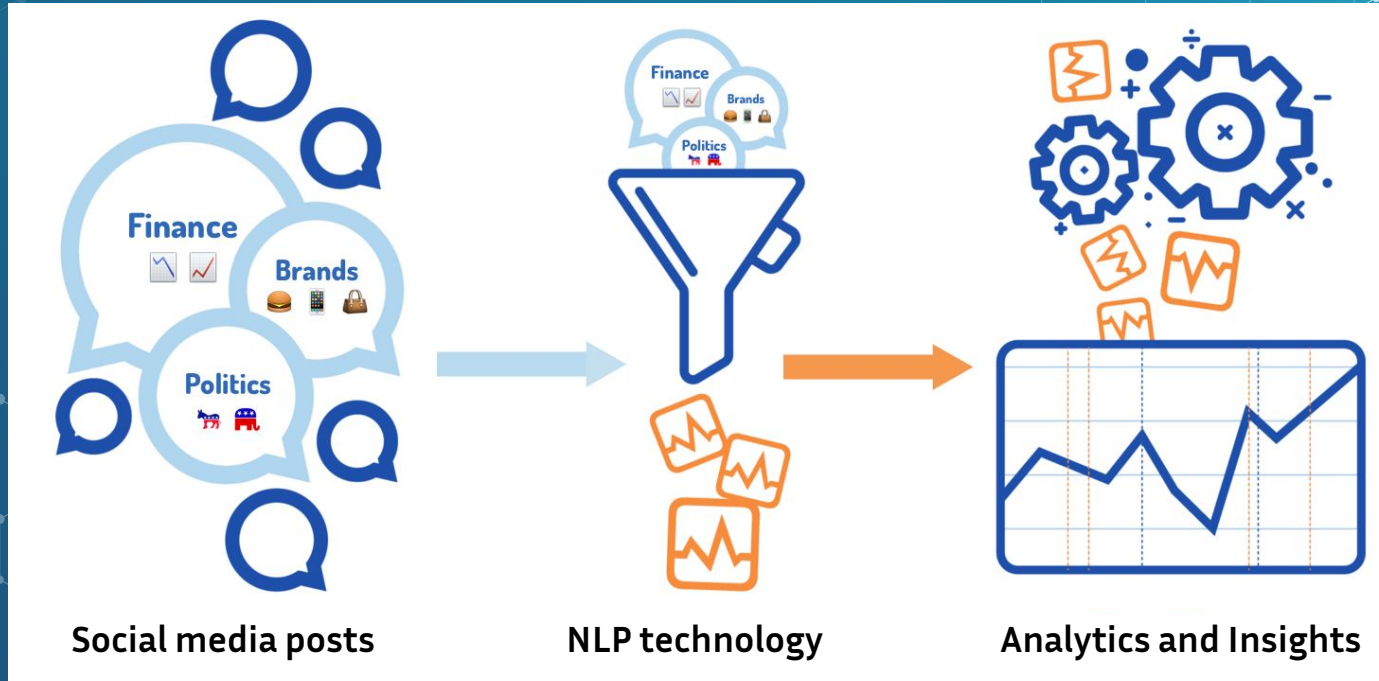
04 Approaches and Methodologies

3

Project Scope

NLP

Project Goals

Social media posts   NLP technology   Analytics and Insights

http://thinkapps.com/blog/development/machine-intelligence-isentium-interview/

What We Are Using

Python

TensorFlow

PyTorch

Twitter

IEEE Dataport

Hydrator

A Barebones Approach to Sentiment Classification

A Barebones Approach to Sentiment Classification

Confidence level

Feed forward network

Sentiment class

Easy modifications

Another Approach to Sentiment Classification

Data sources → Preliminary formatting → Stemming / Tokenization / Stopword removal → Advanced analytics → Visualization

[and other basic text processing operations]

https://www.softwareadvice.com/resources/what-is-text-analytics/
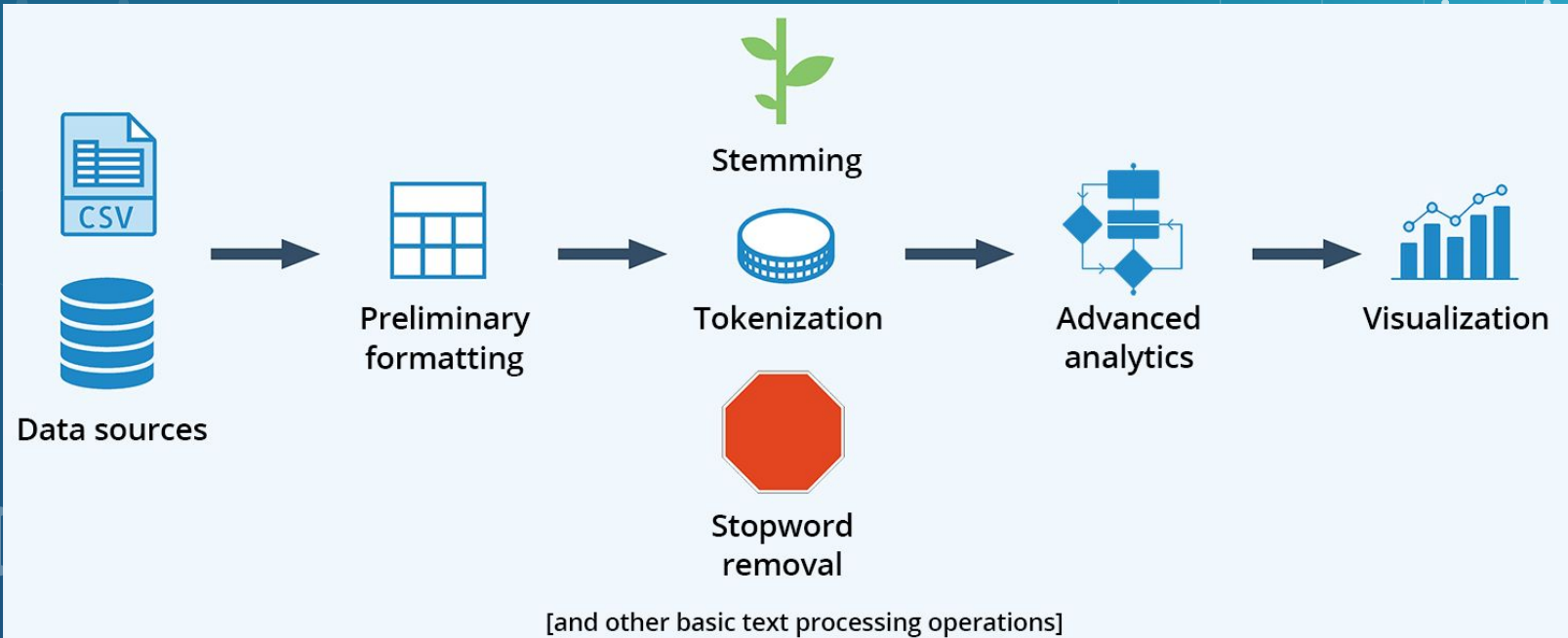
THANKS!

ANY QUESTIONS?

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- http://thinkapps.com/blog/development/machine-intelligence-isentium-interview/
- https://www.softwareadvice.com/resources/what-is-text-analytics/