



# Real-time tweet analysis



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# Overview

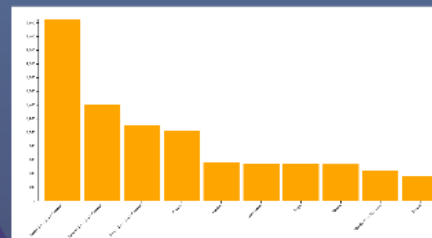
- Real-time streaming using Spark
- Storing the data to HBase
- Processing/Analysing using MapReduce and PIG
- Visualizing the analysis using Playframework and D3.js



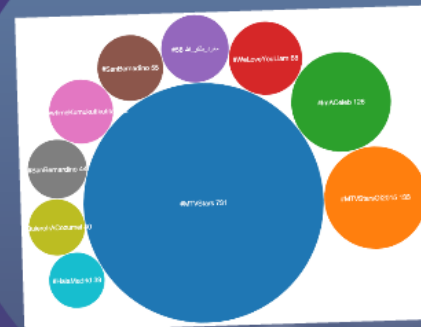
# Analysis

- Popular Hashtags
- Number of Devices per country
- Active Timezones
- Top User Mentions
- Sentiment Analysis
- Language Count

Active Timezones



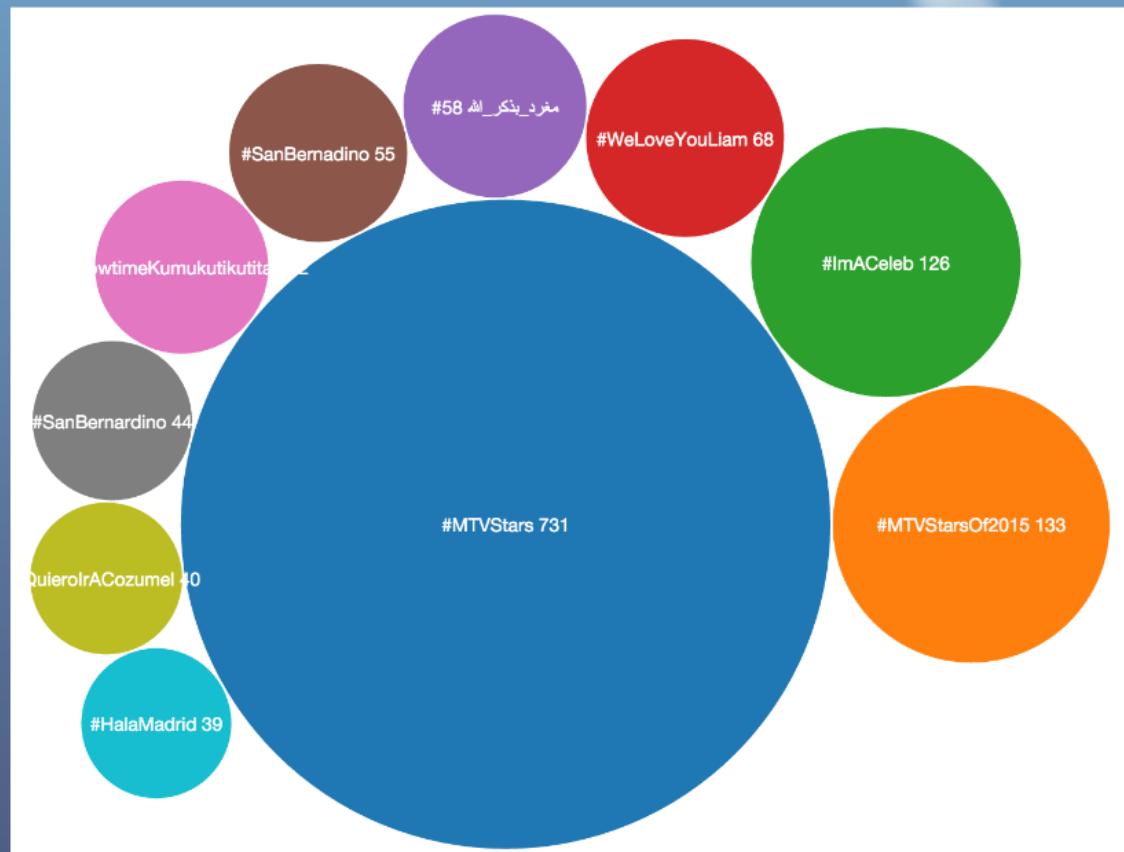
Popular Hashtags



# ysis

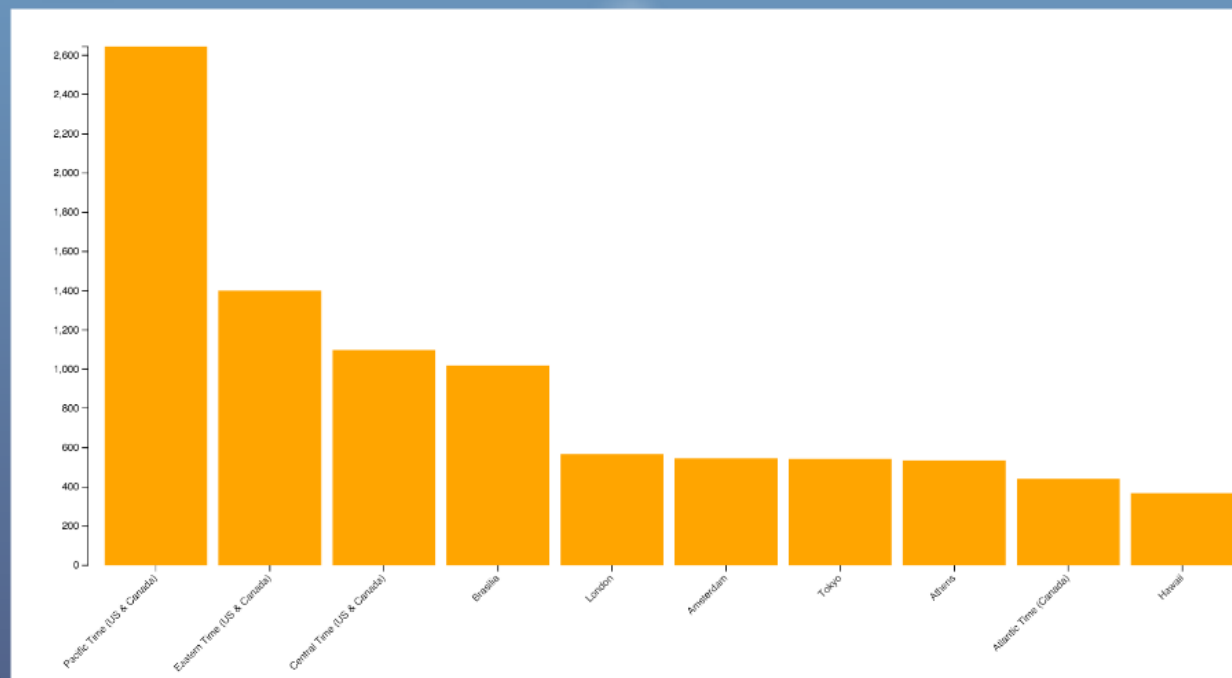
# †

## Popular Hashtags



Prezi

## Active Timezones





# Acceptance Criteria

- Real-time streaming to collect data in window of few seconds
- Visualize the analysis
- Parsing data to achieve specific format
- Storage and MapReduce

# Target vs Accomplished

- Spark Streaming for real-time tweets – Accomplished
- Analysis Visualization – Exceeded
- Map-Reduce Analysis using Spark – Achieved
- Number of Analysis – Exceeded
- Map-Reduce on real time data – Exceeded
- Storage and parsing data – Accomplished



# Project Walkthrough

Thank you



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