

# Eftychis: Sentiment Analysis on Twitter Users

 Department of Computer Science

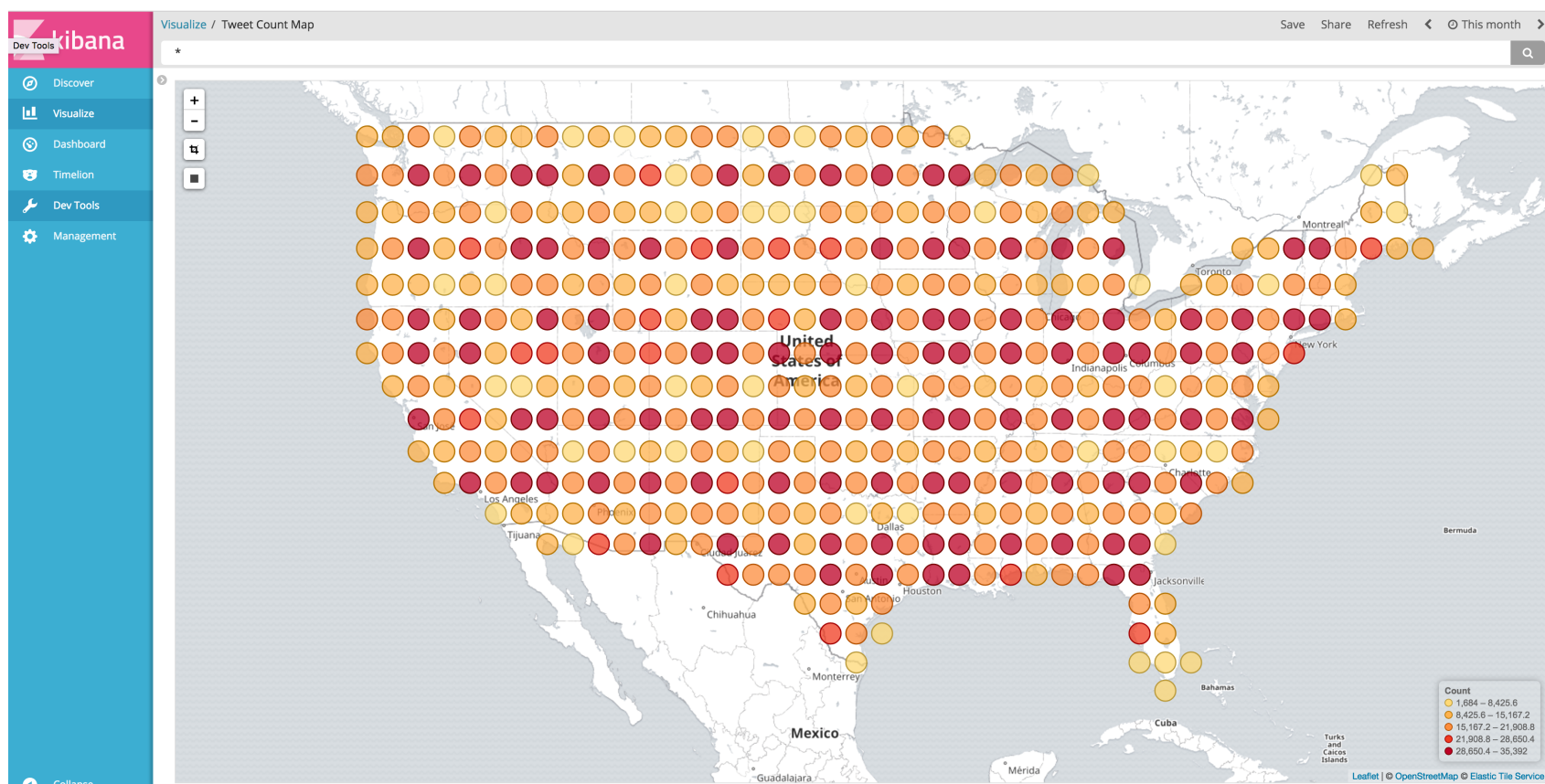
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## Data Acquisition



Using a Google Cloud Platform virtual server and the Twitter API, we were able to scrape **over twenty million** tweets over the span of **two weeks** from the Twitter social network. To obtain a geographically diverse set of tweets, we first list of **1054 coordinate pairs** that were equally spaced (65km apart) across the continental United States in a grid. We then made hourly API calls that requested 100 tweets located within 65km of each coordinate pair.

The collected data would then be ingested into the Elasticsearch engine, which performs word tokenization and snowball filtering (word stemming).

## Data Analysis

### Label Propagation

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### Clustering Analysis

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## Glossary

**ACRONYM** - Acronyms Can Represent One New Year Method

## Conclusion

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## References

## Acknowledgements

Evimaria Terzi, Ph.D