

# Automatic political stance detection

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# Motivation

Glastonbury preview **g2 film&music**

## Coldplay

**'It will be magical'**  
Exclusive interview

£2.00 (10p/20p/30p/40p)  
Friday 24.06.16  
Published in London  
and Manchester  
theguardian.com

# the guardian

## Cameron faces fight for survival as Britain sets course for Brexit

4.45am edition

- Pound plunges by 9% to lowest level since 1985
- Farage claims victory as leave stretches ahead
- Tory leave MPs pledge to back PM come what may

**Anushka Asthana  
Ben Quinlan  
Dina Mileva**

David Cameron was facing re-election this morning as Britain appeared to be on the brink of voting to leave the EU, triggering the biggest ever currency market crash. The value of the pound fell by 9% as the financial markets prepared for a Brexit economic shock potentially greater than Black Wednesday in 1992.

Ukip's leader, Nigel Farage, declared victory to jubilant supporters shortly after 4am. "If the predictions now are right this will be a victory for the real people, a victory for ordinary people, a victory for decent people. We have fought against the multinationals, against the big men hunt banks, against big politics, against lies, corruption and deceit... and today honesty and decency and belief in nation I think now is going to win."

"We will have done it without having to fight, without a single bullet having been fired," he said, calling it the country's "independence day".

There was a tense mood in Downing Street while Labour remain campaigners

Stranger in supporters react with dismay as they hear results at London's Royal Festival Hall Photograph: Bob Stockard/PA

Antony Vekich  
The great Hollywood everyman  
Reviews Peter Bradshaw Alexis Petridis

New Order  
Best ever festivals

**THE Sun** 6AM LATEST

Friday, June 24, 2016 BRITAIN'S BEST-SELLING PAPER

**OUT 52% IN 48%**

**Britain waking to an EU exit**

**Leave claims win in huge poll**

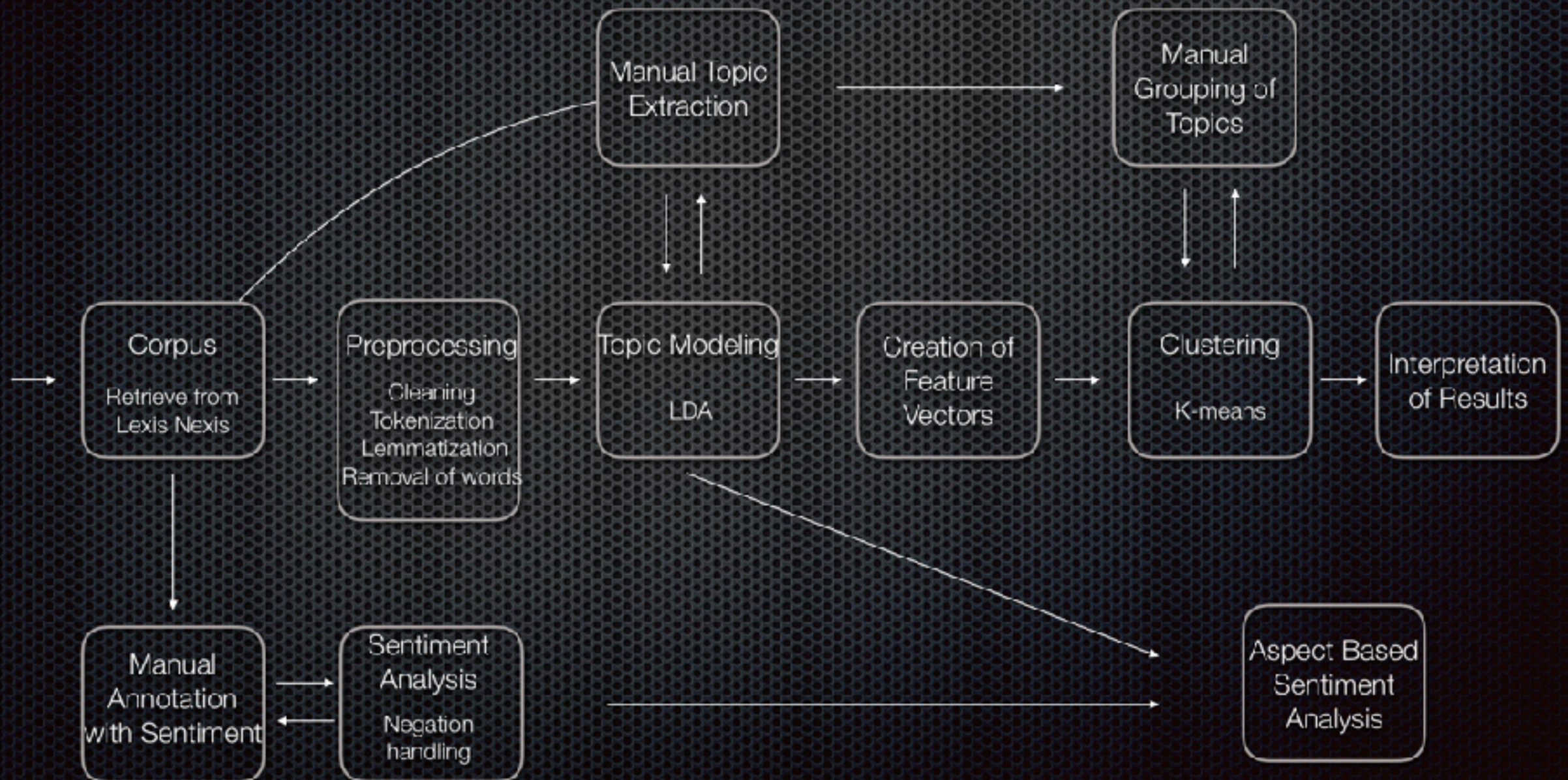
**SEE EU LATER!**

NATION'S BIG BREXFAST: SEE PAGES 2, 3, 4, 5, 6, 7, 8 & 9



# Pipeline

- Oriented towards Burscher et al. (2016)





# What we still need to do

- Manual extraction of topics and grouping
- Compare manual evaluation with automatic results
- Implement aspect-based sentiment analysis
- Maybe try out other cluster and topic modeling methods



# Initial Results

- No meaningful difference between articles
- Different corpus or preprocessing?





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# References

Burscher, B., Vliegenthart, R. and Vreese, C.H.D., 2016. Frames Beyond words: applying cluster and sentiment analysis to news coverage of the nuclear power issue. *Social Science Computer Review*, Vol. 34(5), pp.530-545.

Hutto, C.J. & Gilbert, E.E., 2014. VADER: A Parsimonious Rule-based Model for Sentiment Analysis of Social Media Text. *Eighth International Conference on Weblogs and Social Media (ICWSM-14)*. Ann Arbor, MI, June 2014.

Karypis, G., Kumar, V., & Steinbach, M. (2000). A Comparison of Document Clustering Techniques. *Proceedings of the KDD Workshop on Text Mining*, 2000.