

Automatic political stance detection

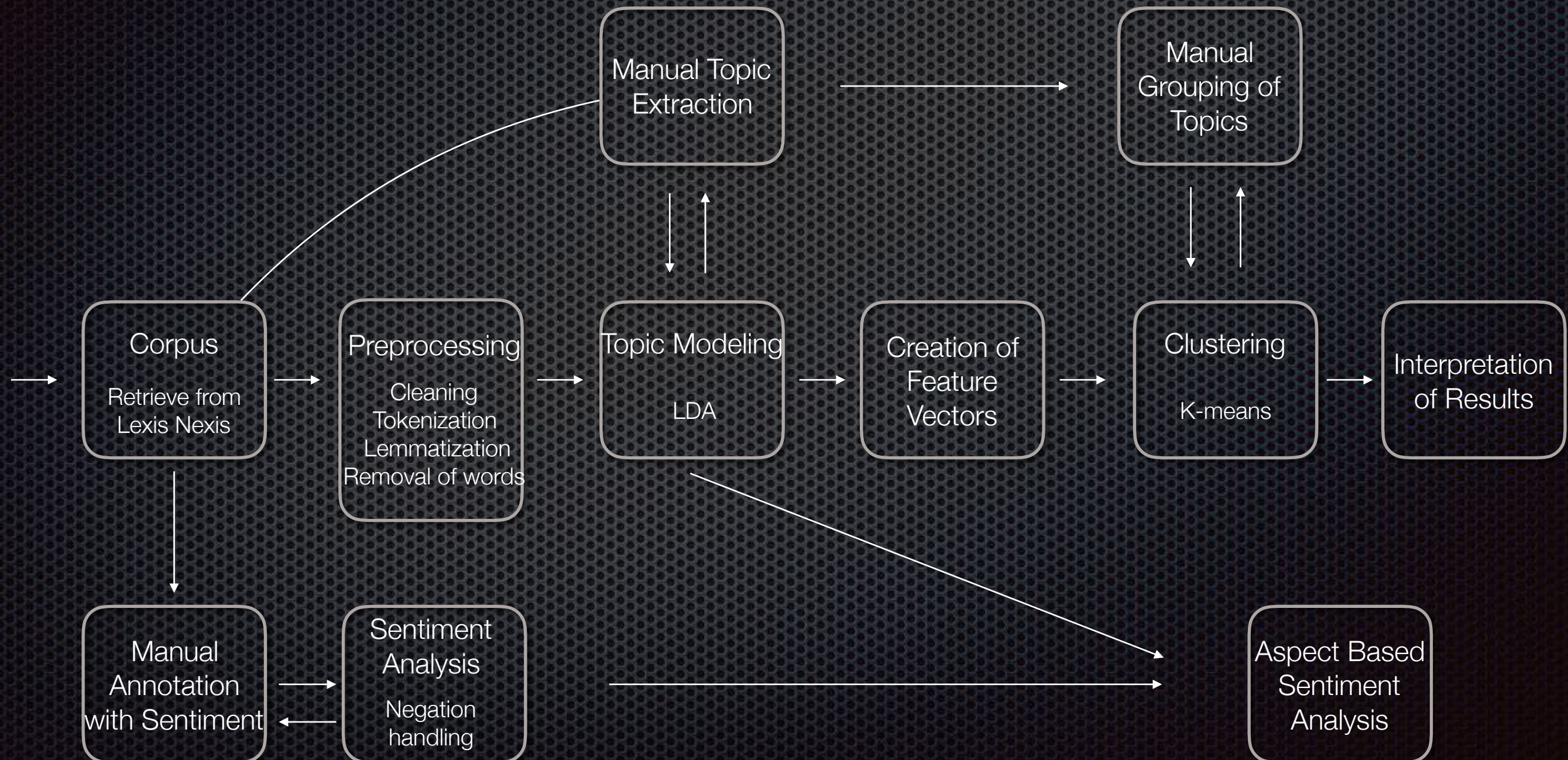
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Motivation

- ✦ ONLY INSERT PICTURES AND TALK

Pipeline

- ✦ Oriented towards Burscher et al. (2016)



What we still need to do

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

Initial Results

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



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Initial Results

- ✦ abb. k means, histogramm
- ✦ Deswegen neues Korpus; noch dazu: dass wir ja noch nicht mit manual eval verglichen haben!
- ✦ Vielleicht preprocessing ändern (also mehrere Worte rauschmeißen)
- ✦ SA

How?

- ✦ We oriented our work toward Burscher et al. they diachronically analysed the frames in the nuclear power debate
- ✦ What we tried out so far
- ✦ Methods: ABB Pipeline (Preprocessing: LDA; SA, Feature vectors, k-means)
- ✦ Topics Modeling (LDA and other?)
 - ✦ K-means (bisecting k-means)
 - ✦ Sentiment Analysis, including negation and aspect based?

- ✦ People opinion about newest topics
- ✦ Newspaper (political stance) influence public opinion
- ✦ Erleichtern der Meinungsbildung, wenn schon weiß
 - ✦ Wie Zeitung das Thema darstellt

- Wie sehen sehen sie nichts