

DD2476 Search Engines and Information Retrieval Systems

Project 6: Sentiment Analysis in Speech with Relation to Brands

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This project is worth 3 ECTS credits. This means that it is expected to require 80 hours of work for each person in the group. The project formulation, method, and results are presented in a report as well as in a poster session. For more details, look at the course homepage, under Project in the menu.

Problem

This assignment is about analysis of broadcast speech to find mentions of different brands, and determining the attitude of the speaker in connection to the brand. The project proposal is very open and quite challenging, which opens up for possibilities to make a contribution to the state of the art. However, the project requires a high degree of planning and an extra effort from the project group.

Assignment

- 1) find a free speech-to-text converter
- 2) capture broadcast speech
- 3) track for mentions of brands (using grep more or less)
- 4) check for sentiment of those mentions (an API will be provided by us)
- 5) compare - potentially - with speech-specific features