Research for a commercial product which uses NLP as a core(E.g. google assistant) and describes, in general words, which NLP techniques it uses. (If two of you have the same commercial product, both of your grades will be penalized --- Be creative! )

A commercial product which uses Natural Language Processing as a core is the Hemingway App, which is a tool that helps writers to identify errors in spelling, syntax, flow, and sentence structure using color-coded highlighting. It accomplishes this with a basic artificial intelligence that uses natural language processing to find potential problems with your writing, like run-on sentences, passive voice, and words that are needlessly complicated for your audience.

The application works by using and artificial intelligence system that was train with high-quality data that teach the algorithm examples of what good and bad grammar looks like. To do so, the system uses more that one of the NLP techniques (like Named Entity Recognition, Tokenization, Stemming and Lemmatization, Bag of Words, Natural language generation, and Sentence Segmentation) to analyze the writing and give a score about the readability of the text. Using machine learning algorithms, the application highlights the sentences are hard to read, extremely hard to read, or if it has a simpler way to read it.

One of the big disadvantages of this tool, compare to other text editor, is that it does not give suggestions of how to change the phrases, does it makes it a little bit more complicated to understand how to make it better.