


Methods used in my prototype in Chapter 3

Section	Subsection	Approach	Purpose
<i>Text Generation Concepts</i>	Architectures and Approaches	Data-driven	I have the necessary computing power to apply this advanced method for my prototype
<i>Advanced Approaches for Text Generation</i>	Recurrent Neural Networks	Not used	Substituted by the LSTM
	Long Short Term Memory		Necessary for Attention
	Sequence to Sequence		Necessary for Attention
	Encoder and Decoder		Necessary for Attention
	Attention		This approach yields a very accurate output, because it keeps track of the structure of the text
<i>Text Summarization Concepts</i>	Input	Multi-document	I have used ~500.000 different reviews stored in different documents
	Purpose	Headline Summary	The reviews are compressed into a single review, that is purpose of the headline summary
	Output	Abstractive approach	I have the necessary computing power to apply this advanced method for my prototype
<i>Advanced Approaches for Text Summarization</i>		None	I don't implement an advanced approach, because it would the exceed the complexity of this thesis