

CS 224N Final Project Milestone

1. TEAM

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2. DATA

We have collected the pre-processed CNN and DailyMail articles. We are grateful to Abi See for sharing data from her experiment with us.

3. BASELINE MODEL

We have implemented our baseline model by extending PyTeaser[1]. For baseline calculation we have summarized CNN articles using PyTeaser. We have also worked through Abi See's implementation [3] to gain further insight into the summarization task and we are also working on the intra-temporal and intra-decoder attention parts of the paper we are trying to replicate. Details of our hitherto implementation can be found on our GitHub [4].

4. EVALUATION

For evaluation we have used the sumy[2] framework. Rouge scores were obtained using the sumy framework, summarized text and the original article.

	ROUGE-1	ROUGHE-2	ROUGHE-L (sentence level)	ROUGHE-L (summary level)
Average	0.5054	0.3298	0.2468	0.0222
Media	0.5	0.3131	0.2301	0.0201

- [1] <https://github.com/xiaoxu193/PyTeaser>
- [2] <https://github.com/miso-belica/sumy>
- [3] <https://github.com/abisee/pointer-generator>
- [4] https://github.com/peter6888/nlp_project