## NLP4ADS

Kris Bukovi kbukovi@cfa.harvard.edu @krisbukovi

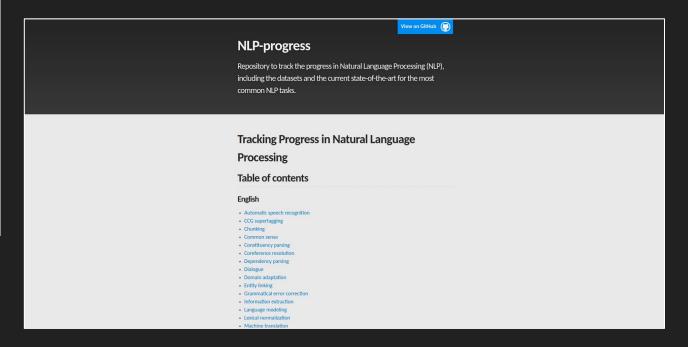






#### **SOTA Methods for NLP**

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DATASET	TASK	SOTA	ours
SNLI	Textual Entailment	89.3	89.9
MNLI Matched	Textual Entailment	80.6	82.1
MNLI Mismatched	Textual Entailment	80.1	81.4
SciTail	Textual Entailment	83.3	88.3
ONLI	Textual Entailment	82.3	88.1
RTE	Textual Entailment	61.7	56.0
STS-B	Semantic Similarity	81.0	82.0
QQP	Semantic Similarity	66.1	70.3
MRPC	Semantic Similarity	86.0	82.3
RACE	Reading Comprehension	53.3	59.0
ROCStories	Commonsense Reasoning	77.6	86.5
COPA	Commonsense Reasoning	71.2	78.6
SST-2	Sentiment Analysis	93.2	91.3



### Keywords and Important Points



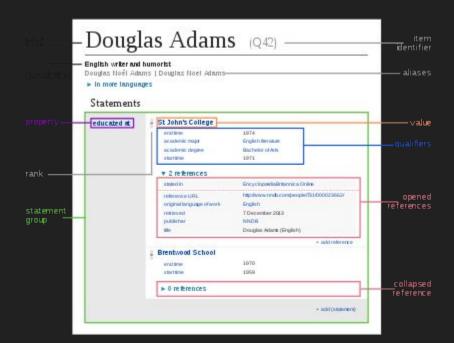
function second include data large increase noise detector branch optical respectively Work statistical region sediment asymmetry problem property field Suggest change body report center show group university rate star site describe cross survey process perform growth charge level type paper nitrogen search deposit

#### Summarization

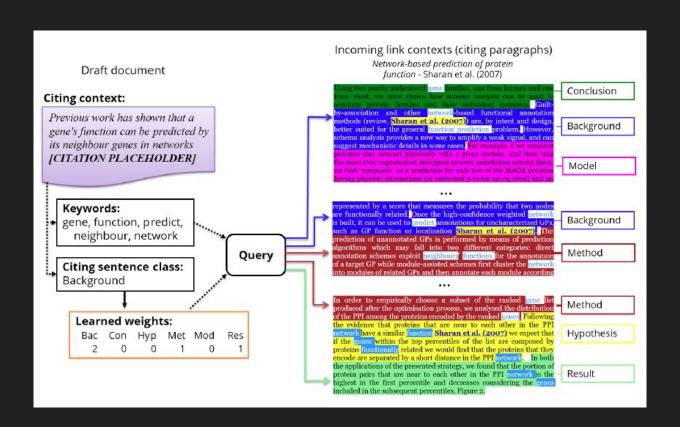
-Jupyter Notebooks Link-

## Concept Extraction and Entity Linking

UAT Thesaurus WikiData (gravity waves vs gravitational waves)



#### Citation Classification



# Questions?





