Understanding Indirect Answers in Dialogue Systems - Inferring direct answers from indirect answers to questions.

A reproduction of the results and experiments carried out by Louis et al (2020)

Louis, A., Roth, D. and Radlinski, F., 2020. "I'd rather just go to bed": Understanding Indirect Answers. [online] arXiv.org. Available at: <<https://arxiv.org/abs/2010.03450>> .

Consists of the following experiments done on :

BERT - YN (Question Only)

BERT - YN (Answer Only)

BERT (Question + Answer)

BERT BOOLq - YN

BERT MNLI - YN

BERT DIS - YN

Folders:

BERT - Consists of all the above mentioned experiments in different ipynb files

Results - Results of the above models

- Basic Error analysis code

Data: Circa, BOOLq, MNLI and DIS datasets [data files not included in this repository due to size constraints]

Available here:

Circa: <https://github.com/google-research-datasets/circa>

Boolq: <https://github.com/google-research-datasets/boolean-questions>

MNLI: <https://cims.nyu.edu/~sbowman/multinli/>

DIS: <https://github.com/ekQ/discourse-connectives>

Other Files:

DataSplit.ipynb - Writes the data files to DL Project/Data folder

baselineAttempt#1\_MATCHED - Makes and evaluates the majority baseline