QUESTION ANSWERING

FOR

ONLINE QUIZ

HUMAN LANGUAGE TECHONLOGIES

A.Y. 2018-2019

GABRIELE BARRECA

MARIO BONSEMBIANTE

GEMMA MARTINI

8th August 2019

Contents

1 Introduction

All references:

- kbqa [4]

- coqa [6]

- collobert [3]

- vaswani [7]

- weston1 [5]

- weston2 [2]

- alberti 2019 [1]

2 The model

In this section the tools used in the project are described.

3 Conclusions

3.1 Boh

References

[1] Chris Alberti, Kenton Lee, and Michael Collins. A bert baseline for the natural questions. 01 2019.

[2] Danqi Chen, Adam Fisch, Jason Weston, and Antoine Bordes. Reading wikipedia to answer open-domain questions. 03 2017.

[3] Ronan Collobert, Jason Weston, Léon Bottou, Michael Karlen, Koray Kavukcuoglu, and Pavel Kuksa. Natural language processing (almost) from scratch. *J. Mach. Learn. Res.*, 12:2493–2537, November 2011.

[4] Wanyun Cui, Yanghua Xiao, Haixun Wang, Yangqiu Song, Seung-won Hwang, and Wei Wang. Kbqa: Learning question answering over qa corpora and knowledge bases. *Proceedings of the VLDB Endowment*, 10:565–576, 01 2017.

[5] Mikael Henaff, Jason Weston, Arthur Szlam, Antoine Bordes, and Yann Lecun. Tracking the world state with recurrent entity networks. 12 2016.

[6] Siva Reddy, Danqi Chen, and Christoper Manning. Coqa: A conversational question answering challenge. 08 2018.

[7] Ashish Vaswani, Noam Shazeer, Niki Parmar, Jakob Uszkoreit, Llion Jones, Aidan N Gomez, Ł ukasz Kaiser, and Illia Polosukhin. Attention is all you need. In I. Guyon, U. V. Luxburg, S. Bengio, H. Wallach, R. Fergus, S. Vishwanathan, and R. Garnett, editors, *Advances in Neural Information Processing Systems 30*, pages 5998–6008. Curran Associates, Inc., 2017.