



Answer real questions using Wikipedia content

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Summary

- Improvements on the project
- Demo
- Online Website & Azure ML
- Future work



Improvements on the project : Question-type detection

- Previously detected question-types : Yes/No - Pseudocleft - Tutorial - Factual
- Newly detected question-types : *Comparative* - To App - Personal
- Predefined answer given the question-type
- ex : “Should I talk to my ex again” → “This is a personal question... you should try to answer by yourself”



Improvements on the project : Language adaptation

- Library : langdetect ; support 55 languages
- The procedure is as follow :
 - detect the question language
 - change the language of wikipedia
 - find a paragraph in the selected language
- The model manages to find answers but is not as effective as in English.



Improvements on the project : Web App

- A “Change Answer” button “to explore more possibilities”
- A “Demo” button so people can have an idea of what type of question they could ask
- New design



Ask.me Web App demonstration

Local version : <http://127.0.0.1:5000/>

Online Website & Azure ML

- A cloud computing service created by Microsoft
- Docker image : 2.7Go + 1.4Go (BERT model)
- Actual Azure Plan Web App : P2V2
- Between 10 to 20 secondes to execute
- Did it crash if 20 persons run it at the same time?

P2V2

420 ACU au total
7 Go de mémoire
Équivalent de calcul Série Dv2
139.13 EUR/mois (estimé)

Online version :

<https://ask-me.azurewebsites.net/>



Future work

- See what we can do better to run it faster with Azure
 - others models ?
 - multithread ?
 - azure gpu instead of virtual cpu option ?
 - not enough time left
- Perfecting details and testing the App to detect potential new issues
- No new big tasks ?



Thank you for your attention

Questions ?