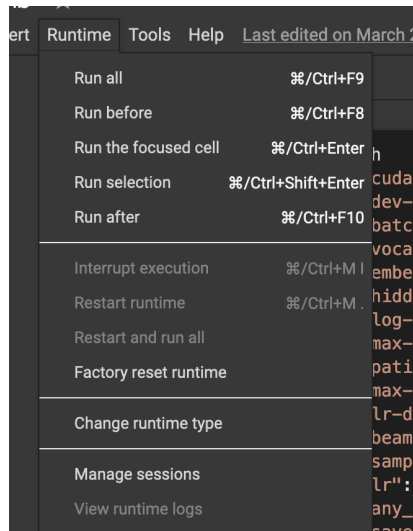


1. Start doing next steps ONLY after successful local initial trainings!
2. Create or log in to <https://colab.research.google.com/>
3. Create a new project
4. Load the run.ipynb notebook
5. Change runtime type to GPU (important to check that every time you run the training)



6. Upload all python files by hand
7. Upload vocab.json file created locally beforehand

```
from google.colab import files
uploaded = files.upload()

for fn in uploaded.keys():
    print('User uploaded file "{name}" with length {length} bytes'.format(
        name=fn, length=len(uploaded[fn])))
```

Browse... vocab.json

vocab.json(application/json) - 1774385 bytes, last modified: n/a - 92% done

8. Bulk upload files from en_pl_data

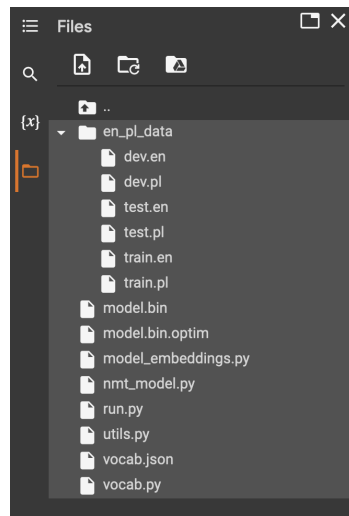
```
from google.colab import files
uploaded = files.upload()

for fn in uploaded.keys():
    print('User uploaded file "{name}" with length {length} bytes'.format(
        name=fn, length=len(uploaded[fn])))
```

Browse... 6 files selected.

train.en(n/a) - 6345993 bytes, last modified: n/a - 16% done

9. Your set-up should look like this now:



10. Point 1.i) can be run with this cell:

```
# Part 1.i)
from run import decode
args["TEST_SOURCE_FILE"] = "en_pl_data/test.en"
args["TEST_TARGET_FILE"] = "en_pl_data/test.pl"
args["MODEL_PATH"] = "model.bin"
args["OUTPUT_FILE"] = "test_outputs.txt"
args["--any_unks"] = False
decode(args)

load test source sentences from [en_pl_data/test.en]
load test target sentences from [en_pl_data/test.pl]
load model from model.bin
Decoding: 100%|██████████| 100/100 [00:03<00:00, 28.27it/s]
Corpus BLEU: 0
```

11. Point 2.b) can be run with this cell:

```

▶ # Part 2.b)
from run import decode
args["TEST_SOURCE_FILE"] = "en_pl_data/test.en"
args["TEST_TARGET_FILE"] = "en_pl_data/test.pl"
args["MODEL_PATH"] = "model.bin"
args["OUTPUT_FILE"] = "test_outputs.txt"
args["--any_unks"] = True
decode(args)

[ ] load test source sentences from [en_pl_data/test.en]
load test target sentences from [en_pl_data/test.pl]
load model from model.bin
Decoding: 100%|██████████| 100/100 [00:03<00:00, 29.67it/s]
Corpus BLEU: 0

```

12. You can download weights through:

```

[ ] # Download data
from google.colab import files
!zip -r /content/file.zip /content/Folder_To_Zip
files.download("model.bin")
files.download("model.bin.optim")

zip warning: name not matched: /content/Folder_To_Zip

zip error: Nothing to do! (try: zip -r /content/file.zip . -i /content/Folder_To_Zip)
Downloading "model.bin": ██████████
Downloading "model.bin.optim": ██████████

```