

get the code

run below command

```
git clone https://github.com/mosaicml/llm-foundry
cd llm-foundry
```

install dependencies

```
pip install -e .
```

convert the model

```
python scripts/inference/convert_hf_to_onnx.py --pretrained_model_name_or_path mosaicml/mpt-7b --output_folder mpt_7b_onnx --export_batch_size 1 --trust_remote_code --verify_export
```

It will download model from huggingface, convert the model to onnx format in folder, will validate in the end whether the conversion was successful or not

converted model will be saved to **mpt_7b_onnx** folder in the home directory of code you just cloned and ran.