**Hierarchical Arabic text classification: fine-tuned AraGPT2 vs ML algo**

This page allows you to run two hierarchical Arabic text classifiers:

***1. Fine-tuned AraGPT2: You need to download the following files***

<fine-tuning_AraGPT2.py>

<WiHArD_GPT.csv>

***2. Machine learning algorithm: You need to download the following files***

<Doc2Vec-DecisionTreeModel.py>

<arabic-stop-words.txt>

<WiHArD.hierarchy.xml>

<WiHArD.csv>

**Before running the two classifiers, Install Necessary Libraries**

Ensure you have the transformers and torch libraries installed, along with any other necessary libraries:

pip install transformers torch pandas scikit-learn

**Eventual error message**

If you encounter the following message:

ImportError: Using the `Trainer` with `PyTorch` requires `accelerate>=0.20.1`:

Please run `pip install transformers[torch]` or `pip install accelerate -U`