**Technical Assignment**

Given the dataset “task.csv”:

1. Investigate the dataset.
2. Train and evaluate a (or more than one) classifier(s) to distinguish between the given labels (namely: cult, paranormal, and dramatic).
3. Create a demo application that you could use to demonstrate the results with the option to upload a .txt file or past a text and get the predictions.
4. Build a proper Dockerfile to be able to run the application inside a docker container.
5. Create a REST API.
6. Create a report file (word/pdf) explaining all the steps you did during the assignment and why.

Bonus:

Given the dataset “bonus\_task.csv”:

1. Build a multi-label classifier to distinguish between all the given labels.

You can send us your solution in a zip file or you can share a private repository with us.

You are free to use any python library of your choice and you are free to use internet to figure out how to solve the problem (please, do not copy any solutions proposed online)