**GIÚP TÔI! PROJECT**

**Assignment for Data Analytics Position**

Help me! is looking for a Data Analyst with the ability to find an effective solution to every assigned task. In order to test your skill and intuition about the real-world data, the [Learning Analytics dataset](https://analyse.kmi.open.ac.uk/open_dataset) of Open University (OULAD), which contains data of courses, students, and their interactions with Virtual Learning Environment (VLE), is used for this assignment. Your task is to analyze this OULAD data and obtain several results as follows.

# **Deliverables. A report including:**

* The dataset and the tools you use to analyze it.
* Explanation of your intent, methods, and any assumptions.
* The process you build ETL, clean, merge and handle the data.
* Your Insights and the reasoning lead to those findings & conclusions.
* Models/graphs/plots that support your findings.
* Actions you would recommend the team to take based on your findings above.
* A dashboard to visualize the output Plots & Insights.

# **Bonus points**

* Share about methods you attempted that didn't work and why?
* Share any ideas you didn't have time to complete but would have done with more time and the sketch of actions.

# **Format**

* Word, Excel, PowerPoint, Tableau, PowerBI, etc.
* Please include supporting data, scripts, and images of your models/charts (if available) to support your arguments.

# **Note**

Rather than using what you think is the most advanced tool and technique, use the tool that you are most comfortable with and best demonstrates your abilities (Excel, PowerPoint, Tableau, PowerBI, Python, Keras, etc. are all welcomed). We want to see your thought process and your reasonings behind each conclusion.

While we recognize sharing code is a common practice in the open-source community, we ask that you refrain from sharing any part of this interview submission publicly to ensure a fair and equal interview process for all.

Please work on the assignment on your own, **DO NOT** submit a past project, use someone else’s project, or ask for help from anyone. Any forms of plagiarism will automatically disqualify you from applying to any positions at our team now and in the future.