

Digital Medicine 2021

Case Presentation 1: Obesity Status Detection

1. Tasks

- **Design and present** an analysis flow for obesity status classifiers.
 - You can also explore and present some interesting data analysis.
 - You should upload your source code to Github and write a clear README to let anyone easily reproduce your results.
- There aren't any limitations of programming languages and methods.
- To test your validation results, please submit your file in the Kaggle platform.
- For more details, please refer to the slide and the video.

2. Submission

1. Each team has at most **7 minutes** to present your work and **2 minutes** for QA.
2. Note that each team needs to upload your source code on Github and provide a link in your slide. It is important to write a good document (like README.md) to let anyone easily reproduce your method.
3. The deadline for this homework is **10/20 (Wed.) 12:00:00**. Please upload your slides before the deadline.
4. If there is anything you are not sure about homework, feel free to send email to us.
5. Submit your slide in PDF format and name it **case1_{campus}_{group_number}.pdf** (e.g., case1_CT_123.pdf; case1_YM_321.pdf)

3. Grading

1. Upload your code to Github and write README.md to let anyone easily reproduce. (15%)
 - i 、 You should include an overview of the task, prerequisite (your coding environment, packages version (e.g. requirements.txt in Python)), usage, hyperparameters you set, experiment results, and so on.
 - ii 、 Provide your link in your slides.
2. Presentation about your work. (85%)
 - i 、 You should include links for any referenced paper/website at the end of your slide.
 - ii 、 You should have one slide mentioning the contribution of each member.
 - iii 、 Judgement of your presentation will include contents, fluency, references and comments, slides, and time control.
 - iv 、 According to the slide about the presentation scoring method, there will be some scores about validation data results. Please make sure that your team submits the results before the deadline.
3. If your format or anything is not the same as required, you will get some penalty.