We have about 1,300 meal records of 60 persons in the spreadsheet below. Each row indicates 1 meal with several features like person profile, number of dishes, detail nutrients like amount of energy, carbo, fat, protein and so on. You can see score of each meal at the last "R" column. The score is from 1 to 4 and 1 indicates the worst and 4 does the best meal.

(I will send the sheet later)

By using values from “B” to “Q” columns as input features and "R" as target variable, create a classifier to predict the score of meal. You can choose whichever features you like and can create any features from original ones to build the classifier.

You can find detail explanation of each column in the sheet named “Explanation of columns”. Simply saying, columns from “C” to “J” are related to user profile and target amount of nutrients that a user should take per day. Thus these values are same for each user in his/her multiple meal records.

[What we evaluate]

The accuracy of classifier doesn’t matter so much. Rather we’ll evaluate

- Which method or algorithm you apply
- How you evaluate given result from your model

[What to submit]

You should submit the followings.

- Code to build your model
- Report of your findings and insight from the result

Though you can create model in any programming language, please give us brief instruction of how to run your program.

You can share your code with giving us your github or bitbucket URL or send us archive of your code.

You can make report with your preferred style like Markdown, Google Docs or MS words. Any format will be accepted. Please keep it in mind that you should make report easy to understand for the first place.