


Mini Project 1

Deadline : 22.11.2020
@23:55





Step 1 - Web scraping

Scrape the data of the first 30 pages of the website <https://www.skinnytaste.com>





Step 2 – Filter interesting data

- Name of the food
- Image of the food
- Calories
- Green Point
- Blue Point
- Purple Point
- Summary
- The recepie Key (Could be found on the website)



Step 3 - Visualise

- Use the appropriate visualisation method to provide information on
 - Calories distribution
 - Point distribution (considering all three colours)
 - Recipe key distribution



Step 4 – Interaction with the user

- Your code should be able to perform the following task:
 - Input a calorie range
 - Input a point range for the colour of choice
 - Output the first 5 foods sorted based on calories, with their image and their summary.



Step 5 – Writing the report

- Write a scientific report which includes
 - Introduction (what is the problem you are solving?)
 - Data collection (what is the data you are collecting and what is your method of choice?)
 - Data analysis (how did you visualise the data and how do you interpret the data visualisation?)
 - Conclusion (what were the “scientific” bottlenecks? How did you overcome them?)

Step 6

**Upload the code and
the written report
into Moodle!**

Good luck!

