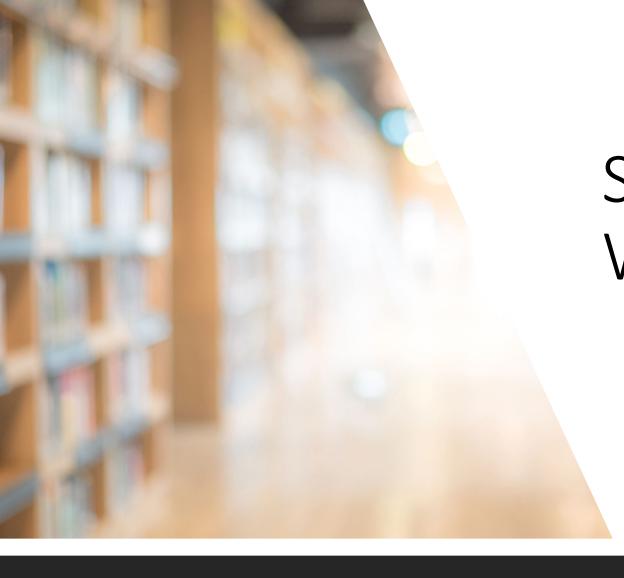
#### Mini Project 1

Deadline: 22.11.2020

@23:55





# Step 1 -Webscraping

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)
  - Recepie 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?)

# Upload the code and the written report into Moodle!

## Good luck!

