1) Code 1: is about analysing the average of the query length and also the most frequent words from the list of the queries.

- Applying the same code with the modification you will need to convert the name of the column. As I told you in the pat. Page in past = Search query here.
- In the past we have internal and external of queries now I only have users from Google.
- Any code you will not need to use put it as comments.
- Writing the report which explain the methodology with the processes you did to get the output of the query length and the most frequent word.
- demonstrating the results in the tables, graphs and interpreting these results (what do you think these results mean)
- I will send you the results I got in the previous analysis to write a discussion part: to describe the significance of findings in light of what was already found in the previous result.

2) Code 2: Is about is about dividing the random queries into 8 of the categories.

- Applying the same code with the modification you will need to convert the name of the columns. As I told you at the start, we will need to do a random selection of 2,600 queries. Then categories these queries according to the 8 categories I will send you. If you find something different in the type of the categories, please let me know to discuss.
- In the past we have internal and external of queries now I only have users from Google.
- The code will have the chi-square, average length per category and the intersection between categories and operators. That means the whole code should be run and get results.
- Writing the report which explain the methodology with the processes you did exactly to get the output of the query categories, average length per category and the intersections between them.
- demonstrating the results in the tables, graphs and interpreting these results (what do you think these results mean).
- I will send you the results I got in the previous analysis to write a discussion part: to describe the significance of findings in light of what was already found in the previous result.

Writing a part about Python before the methodology for each section why we used Python and what are the functions we used and their powerful for why we used them.