Lab Book

Sherlock and Moriarty

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Inicio en 6 Octubre 2018

Contents

Monday, 15 - 10 - 2018

1 Day 1: Approach to the BIG dataset

Today, we met in the library to begin our research over the sherlock and moriarty dataset, in the early, we make a lighty reading of the description and the article of sherlock and moriarty, we a less we try to open with excel (we know that we can't open the file by that way, but we wanna try).
We are thinking other kind of ways to explore the dataset, the most posible options are to take a proportion of the elements from the dataset (1 element of every 10, in a regular method or with a random method, for example) or making a bash script because our teacher says that bash can do wonders when dealing with files and the management associated with them.
After the first hours of contact, we have opted to cut the database via python programming. For reasons of efficiency and speed we will do it staying with the tenth line of every ten, and once we have a csv of a more manageable proportions, we will proceed to a more internal analysis to see how to manage the large database really. In order to make it as fast as possible, we are even trying to make programming in threads, for the future could be very profitable.
We did it and with a beer we're done for the day.

Monday, 33 - 10 - 2018

1 Day 2: In the next chapter...

Friday, 26 March 2010

1 This shows a sample table

Groups	Treatment X	Treatment Y
1	0.2	0.8
2	0.17	0.7
3	0.24	0.75
4	0.68	0.3

Table 1: The effects of treatments X and Y on the four groups studied.

Table 1 shows that groups 1-3 reacted similarly to the two treatments but group 4 showed a reversed reaction.

Saturday, 27 March 2010

1 Bulleted list example

This is a bulleted list:

- Item 1
- Item 2
- ... and so on

2 This is an example experiment

Suspendisse vel felis. Ut lorem lorem, interdum eu, tincidunt sit amet, laoreet vitae, arcu. Aenean faucibus pede eu ante. Praesent enim elit, rutrum at, molestie non, nonummy vel, nisl. Ut lectus eros, malesuada sit amet, fermentum eu, sodales cursus, magna. Donec eu purus. Quisque vehicula, urna sed ultricies auctor, pede lorem egestas dui, et convallis elit erat sed nulla. Donec luctus. Curabitur et nunc. Aliquam dolor odio, commodo pretium, ultricies non, pharetra in, velit. Integer arcu est, nonummy in, fermentum faucibus, egestas vel, odio.

3 This is another example experiment

Sed commodo posuere pede. Mauris ut est. Ut quis purus. Sed ac odio. Sed vehicula hendrerit sem. Duis non odio. Morbi ut dui. Sed accumsan risus eget odio. In hac habitasse platea dictumst. Pellentesque non elit. Fusce sed justo eu urna porta tincidunt. Mauris felis odio, sollicitudin sed, volutpat a, ornare ac, erat. Morbi quis dolor. Donec pellentesque, erat ac sagittis semper, nunc dui lobortis purus, quis congue purus metus ultricies tellus. Proin et quam. Class aptent taciti sociosqu ad litora torquent per conubia nostra, per inceptos hymenaeos. Praesent sapien turpis, fermentum vel, eleifend faucibus, vehicula eu, lacus.

Formulae and Media Recipes

Media

Media 1

Compound	1L	0.5L
Compound 1	10g	5g
Compound 2	20g	10g

Table 1: Ingredients in Media 1.

Formulae

Formula 1 - Pythagorean theorem

$a^2 + b^2 = c^2$