Project 2

Working with Marvel Heroes.

It's time to work on some famous characters .We need to work on Marvel Characters data set which is having "charcters_stats".csv.

Following requirements are there which we need to fulfill:

1. Import required libraries
2. Read csv
3. Show first records from csv
4. Show number of rows and columns
5. You need to find the values of alignment ,can use value_counts()
6. Find out only good alignment holders superheroes
7. Show first five records which you found in point 6
8. Show top five records having top speed of heroes of good alignment
9. Show 5 records of super heroes who have maximum power of good alignment
10. Find out how many super heroes are there with power 100 of good alignment
11. Shape them what you got in point 10
12. Show all records from point 10
13. Retrieve total of first five records of max power of good alignment super heroes
14. Draw a bar plot of all super heroes who are having good alignment and max power of top five only , take same object of point 13 , show name and total in plot with green bars
15. Extract villains having bad alignment
16. Show first five records of point 15
17. Show top five fastest super villains in terms of super speed
18. Top five super villains in terms of intelligence
19. Show who is most dangerous super villain after calculating their total (top 5 only)

20. Draw a histogram for speed of super heroes having fig size 10,5 , provide speed in histogram for only good alignment super heroes ,title should be "distribution of speed" , xlabel should be "speed"

21. Draw a histogram for combat of super villains having fig size 10,5 , provide combat in histogram for only bad alignment super heroes ,title should be "distribution of combat" , xlabel should be "combat"

*** Explain how you retrieve data with the help of comments in almost each section.

Bonus: Can go beyond the scope and extract some different information on different characters and their properties. Can draw some more plots and histograms.

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