Solve Using Pandas

Dataset Description: The file consists of start-ups investment details.

1. Read the given comma separated file as dataframe.
2. List out all columns names.
3. Create a dataframe with numerical columns.
4. Create a dataframe with categorical columns.
5. Get summary on the data and draw inferences if any.
6. Display duplicate rows.
7. For each column find out percentage of missing values.
8. Find count of ‘name’ in each ‘country\_code’.
9. What is the percentage of the companies which have status ‘acquired’ and ‘operating’?
10. Create a column ‘category\_list\_count’ having count of category lists.
11. Find total ‘fundings’ for each country\_code.
12. Find average ‘fundings’ for each country\_code.
13. Find average ‘fundings’ in each region.
14. How many companies have got just 1 round of funding?
15. How many companies have ‘debt\_financing’ above zero?
16. Create a column ‘homepage’ to store company name from ‘homepage\_url’: For example: If url is <http://www.waywire.com>, name is waywire.
17. Find count of companies in each of the market.
18. Rename ' funding\_total\_usd ' to 'funding\_total\_usd'
19. For each row in column ‘funding\_total\_usd’, calculate actual – average value for each group ‘city’
20. What is average ‘funding\_Total\_used’ for each city?
21. Plot histogram/distribution of ‘funding\_total\_usd’ and provide insights if any.
22. What is maximum ‘funding\_total\_usd’ for each market status?
23. How many years it have been since each company was founded?
24. Visualize ‘grant’ distribution.
25. Visualize ‘debt\_financing’ distribution.