Worksheet for Data Analysis

1. What are the totals of the sales tax and product price for each item? \_\_\_\_\_\_\_\_\_\_\_,\_\_\_\_\_\_\_\_\_\_,\_\_\_\_\_\_\_\_\_\_\_,\_\_\_\_\_\_\_\_\_\_\_\_,\_\_\_\_\_\_\_\_\_\_\_\_,\_\_\_\_\_\_\_\_\_\_\_
2. For day 2 assignment, what is selling price for all items? or day 3, what is the total pay for Jerry? \_\_\_\_\_\_\_\_, Shelley? \_\_\_\_\_\_\_\_\_
3. For day 4, what line of python code gives employees a pay raise? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. How many employees were affected by the pay raise? \_\_\_\_\_ who are they? \_\_\_\_\_\_\_\_ What is their new monthly gross pay? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. Markup.txt problem. What is the purchase price times markup for each item? \_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_,\_\_\_\_\_\_\_\_\_\_\_,\_\_\_\_\_\_\_\_\_\_\_,\_\_\_\_\_\_\_\_\_\_\_\_\_,\_\_\_\_\_\_\_\_\_\_\_\_
6. What retail price should you charge for each of these items? \_\_\_\_\_\_\_\_\_\_\_\_\_\_,\_\_\_\_\_\_\_\_\_\_\_\_,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_,\_\_\_\_\_\_\_\_\_\_\_\_,\_\_\_\_\_\_\_\_\_,\_\_\_\_\_
7. Day 3 Payroll: Who is the web designer? \_\_\_\_\_\_\_\_\_\_\_\_
8. Who is the VP of Marketing? \_\_\_\_\_\_\_How much total pay? \_\_\_\_\_\_\_\_
9. Hours worked for Courtney? \_\_\_\_\_\_
10. Who are the three sales assistants? \_\_\_\_\_\_\_\_\_\_,\_\_\_\_\_\_\_\_\_\_\_\_,\_\_\_\_\_\_\_\_\_
11. Day 5: importing Excel Data and working with pandas. What is the number of records? \_\_\_\_\_\_
12. What is the mean price? \_\_\_\_\_\_\_\_\_
13. Mean sales tax? \_\_\_\_\_\_\_\_\_\_\_\_
14. Smallest total? \_\_\_\_\_\_\_\_\_\_\_
15. Largest total? \_\_\_\_\_\_\_\_\_\_\_
16. Which customers bought Nike shorts? \_\_\_\_\_\_\_\_\_\_\_,\_\_\_\_\_\_\_\_\_\_\_\_,\_\_\_\_\_\_\_\_\_
17. How many purchases did Helen Hall make? \_\_ Record numbers? \_\_\_\_\_,\_\_\_\_\_\_\_
18. How many customers purchased apparel? \_\_\_\_\_\_\_\_, Rollesports?\_\_\_\_\_\_\_\_\_\_\_, Baseball? \_\_\_\_\_\_, Sporting Arms? \_\_\_\_\_\_\_\_\_\_,Football? \_\_\_\_\_\_\_\_, Outdoor? \_\_\_\_\_\_\_\_
19. What does print(data.price[15] give you? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
20. What is the result of print(data)Total[50] give you? \_\_\_\_\_\_\_\_\_\_\_
21. The line print(data.department)? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
22. Looking at a sorted list by price, what can you tell us? Cheapest item? \_\_\_\_\_\_\_\_, most expensive item? \_\_\_\_\_\_\_\_\_\_\_
23. In a sorted customer list by last name, who is the first on the list? \_\_\_\_\_\_\_\_\_\_, Last? \_\_\_\_\_\_\_\_\_\_
24. Day 6: Visualization What can you tell about the price of beef? \_\_\_\_\_, buns? \_\_\_\_\_\_, Other \_\_\_\_\_
25. What day are the sales the best? \_\_\_\_\_\_\_\_\_\_, How much? \_\_\_\_\_\_\_\_\_
26. The worst day for sales is? \_\_\_\_\_\_\_\_\_\_\_
27. The most consistent seller is ? \_\_\_\_\_\_\_\_
28. Second best sales day is? \_\_\_\_\_\_\_\_\_\_
29. Best day for pork sliders? \_\_\_\_\_\_
30. Best day for beef sliders? \_\_\_\_\_\_
31. Day 7 :Sorting : After sorting the apparel, what is the first item on the list? \_\_\_\_\_\_Cost of that item? \_\_\_\_\_\_\_\_\_\_What is the last item? \_\_\_\_\_\_\_\_\_\_
32. Day 8: For the auto dealership, how many sale people are there? \_\_\_\_\_\_\_
33. After sorting the cars sold by price, what is the most expensive one sold? \_\_\_\_\_\_\_\_ How many were sold?\_\_\_\_\_\_\_\_, by whom? \_\_\_\_\_\_\_\_\_\_\_
34. How many Highlandes were sold? \_\_\_\_\_\_
35. After sorting by salesperson, what vehicle di Janet sell? \_\_\_\_\_\_, was it new or used? \_\_\_\_\_\_\_\_
36. After sorting on condition, how many new cars were sold? \_\_\_\_\_, used? \_\_\_\_\_\_
37. Day 9: Missing data computer dating: After running the code, whose last name is missing? \_\_\_\_\_\_
38. Which respondent failed to provide sex (m/f)? \_\_\_\_\_\_\_
39. Who did not give us their age? \_\_\_\_\_\_
40. Are there any missing answers to the dating questions? \_\_\_ if yes which ones?\_\_\_\_\_\_\_\_\_
41. What does df.dropna() do? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_