1.explain the following:

a. what is data wrangling and its functionalities with an example?

b. data cleaning basics- formatting outliers, normalizing and standardization?

2. develop a python script to parse the pdf file using pdf miner?

3. explain the procedure how to create pie chart in tableau for sample superstore dataset

4. explain with a suitable example about tree map and heat map

5. draw heat map for superstore dataset in tableau

6. explain about context filter with an example in tableau?

7. explain procedure for customizing tooltips and color with formatting in tableau with an

example?

8. what is dashboard? Explain in detail the procedure how to create dashboard in tableau?

9. create a dashboard on sample superstore with following use cases?

i.Quantity-Discount percentage correlation

ii.Revenue based on month of the year

iii. detailed profit based on category and its relevant subcategory in each region.

iv. create interactive filters for region and year on dashboard

10. explain about manipulating data in tableau with an example?

11. create a set on subcategory field with all values related to technology?

12. explain about ad-hoc calculation in tableau?

13. create a funnel chart on sample superstore dataset in tableau?

14a. explain about dual axis charts with an example?

b. write a filter on sample superstore that starts with letter a to load data into tableau

c. explain about live and extract connections in tableau and their differences?

15. Write a python program to download & display content of robot.txt for redbus.com.

16. Explain about types of data with an example?

17. Explain about filters in tableau with an example?

18. Write a filter on the sample superstore dataset which loads only with cities having sales

greater than 5000?

19. Explain in detail about axis in tableau with an example on world indicators dataset?

20. Discuss about Foundations for building data visualizations?

21. Develop the python Shell Script to do the basic data cleanup on child labour and child marriage

data.xlsx a) check duplicates and missing data b) eliminate mismatches c) cleans line breaks,

spaces, and special characters.

22. Explain about line chart, bar chart, pie chart and develop a python script to draw both the charts?

23. Explain about following data structing options in tableau with an example?

a. Hierarchy

b. sets

c. Groups

24. On a subcategory field in superstore dataset create a group for all values related to office supplies?

25. Explain about calculated fields and why to use them in tableau?

26. write calculated field for finding original price in sample super store data?

27. Explain about marks card and when to use it with formatting options in it with an example in

Tableau on sample superstore dataset?

28 Explain the procedure about how create a visualization in tableau?