TITANIC CASE STUDY

1. Load data on python

2. Print starting 10 rows and last 10 rows

3. Shape of the data

4. Print all column names

5. Find the data types of all the columns

6. Print information and summary

7. Count survived and show on pie chart

8. Find out how many female passengers had travelled in first class and show on pie chart

9. Find out how many female passengers had survived and are <30 years and show on a pie chart and bar graph.

10. Find out how many male passengers survived and were >40 years and show on pie chart

11. Show age with 20 bins

12. Show age frequency with survived and not survived (Histogram)

13. Show survived with bar graph for male, female, class

14. Show how many passengers had travelled in different classes and display on a bar graph

15. Show in a bar graph how many passengers survived class wise.

16. Show qn 13 and qn 14 in a subplot

17. Show bar graph for survived withy 3rd class male and 1st class female

18. How many passengers survived and not survived and are 1st class females.

19. Map the sex column male=1, female=0

20. Find null values

21. Replace null values with median

22. Drop unwanted columns