Titanic dataset Data Exploration questionnaire:

Dataset link: <https://github.com/datasciencedojo/datasets/blob/master/titanic.csv>

1. What is the overall survival rate on the Titanic?

2. How does the survival rate differ between genders?

3. What is the distribution of passenger ages on the Titanic?

4. How does the survival rate vary across different passenger classes?

5. What is the distribution of fares paid by passengers?

6. Is there a correlation between passenger class and fare paid?

7. How many passengers embarked from each port, and how does it relate to survival?

8. What is the distribution of family sizes (including both siblings/spouses and parents/children)?

9. Are there any relationships between family size and survival rate?

10. How many passengers had siblings or spouses aboard, and did it impact survival?

11. How many passengers had parents or children aboard, and did it impact survival?

12. What is the distribution of cabin classes and how does it relate to survival?

13. What is the distribution of titles (Mr., Mrs., Miss, etc.) among passengers?

14. Is there a correlation between titles and survival rate?

15. How many passengers traveled alone, and how did it affect their survival?

16. How does the distribution of passenger classes vary across different embarkation ports?

17. What is the median age for each passenger class, and does it differ significantly?

18. How does the survival rate vary based on the combination of passenger class and gender?

19. Are there any missing values in key columns, and how might they impact the analysis?