Assignment 3: Part 3

Summary report

- Fare and Pclass have the highest correlation, followed by SibSp and Parch. The correlation is positive which means passengers in higher classes paid higher fares for their tickets compared to passengers in lower classes.

- From the summary statistics, we can know the following information about the variables:
1. PassengerId: This variable is just an identifier for each passenger and does not provide any meaningful information for analysis.
2. Survived: This variable indicates whether a passenger survived (1) or not (0).
3. Pclass: This variable represents the passenger class (1st, 2nd, or 3rd class).
4. Age: This variable represents the age of the passengers. We can see that there are some missing values in this variable since the count is lower than the total number of passengers.
5. SibSp: This variable represents the number of siblings or spouses that a passenger had on board.
6. Parch: This variable represents the number of parents or children that a passenger had on board.
7. Fare: This variable represents the fare paid by the passenger for the ticket.