

# **Titanic Assignment by Jeevan Raj**

## **Basic Level Questions:**

1. How many passengers are in the Titanic dataset?
2. What are the distinct classes of passengers onboard?
3. How many passengers survived the Titanic disaster?
4. What is the average age of passengers onboard?
5. How many male passengers were there?
6. What is the highest fare paid for a ticket?
7. How many siblings/spouses were onboard for each passenger?
8. What is the percentage of passengers who survived?
9. What is the most common port of embarkation?
10. How many passengers have missing values for the 'age' column?

## **Intermediate Level Questions:**

1. What is the survival rate among passengers in each class?
2. What is the average fare paid by passengers who survived vs. those who didn't?
3. What is the age distribution of passengers who survived?
4. How many passengers traveled alone (without siblings/spouses or parents/children)?
5. What is the average fare paid by passengers from each port of embarkation?
6. What is the survival rate among passengers of different age groups (e.g., children, adults, elderly)?
7. What is the survival rate among male vs. female passengers in each class?
8. What is the average age of passengers who survived vs. those who didn't?
9. How many passengers have siblings/spouses onboard but no parents/children?
10. What is the survival rate among passengers with different numbers of siblings/spouses?

## **Advanced Level Questions:**

1. What is the survival rate among passengers of different age groups and genders?
2. What is the survival rate among passengers who paid high vs. low fares, considering each class separately?

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3. What is the survival rate among passengers who traveled alone vs. with family members?
4. What is the average fare paid by passengers of different age groups and genders?
5. What is the survival rate among passengers with different ticket numbers (considering ticket numbers as a proxy for ticket class or fare)?
6. What is the survival rate among passengers from each port of embarkation, considering their ticket class?  
traveled alone vs. with family members?
8. What is the average fare paid by passengers with different numbers of siblings/spouses and parents/children?
9. What is the survival rate among passengers who paid different fares, considering their gender?
10. What is the survival rate among passengers who boarded from each port of embarkation, considering their age groups?