**Project 1 - Exploring Titanic Database**

**1) In the movie, children, elderlies and females can get onboarded to rescue boat first, so**

**Are children and elderlies have a higher survival rate in this accident?**

Nope, most of the survivors’ age is between 18 to 64.

SELECT COUNT(\*) FROM passengers

WHERE (NOT (Age LIKE Age<18 OR Age>=65)) AND Survived=1;

Text

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SELECT COUNT(\*) FROM passengers

WHERE (Age LIKE Age<18 OR Age>=65) AND Survived=1;

A picture containing shape

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**2)Are females more likely to survive in this incident?**

Yes, females have higher chance to survive in this incident.

SELECT Sex, COUNT(\*) as 'Number of Survivor'

FROM passengers

WHERE Survived=1

GROUP BY Sex;

Text, table

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**3) Are rich people have a higher survival rate because they can get onboard to the rescue boat sooner (like what is shown in the movie)?**

Not really, both Pclass 1 & 3 have high amount of survivor.

SELECT Pclass, COUNT(\*) as 'Number of Survivor'

FROM passengers

WHERE Survived=1

GROUP BY Pclass;

Table

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**4) What is the minimum of Fare qualify to survive during Titanic incident?**

SELECT MIN(Fare)

FROM passengers

WHERE Survived = 1

Rectangle

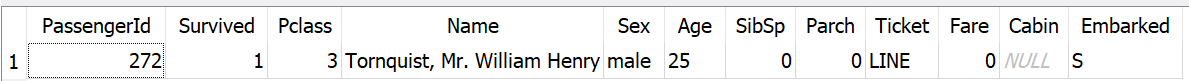
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**5) Who survived from Titanic tragedy with Fare = 0?**

SELECT \*

FROM passengers

WHERE Survived = 1 AND Fare = 0;



**6) Which port have most of the passengers embarked?**

Port S have the greatest amount of passenger embarked.

Table

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**7) Most of the survivor embark from which port?**

Port S

SELECT Embarked,COUNT(\*)

FROM passengers

WHERE Survived=1

GROUP BY Embarked;

Table

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**8) How many unmarried women die due to Titanic tragedy?**

SELECT COUNT(\*) FROM passengers

WHERE Name LIKE '%Miss%' AND Survived=0;

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