

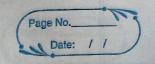
Assignment No: 09 7) Theavy Description of fickels in the dataset. 1) Survival - Survival (0=No & 1 = Yes) 2) Mass-Passenger Class; 1st, 2nd, 3rd class. 3) name - Name of possenger 4) Sex - Gender of passenger: monosoft most of 5) age - Age of housenger. 6) sibsp - Number of Fibling / spouse aboard.
7) parch - Number of parent / Children aboard. 8) ticket - Ticket Number 11) Embarked - Port of Embarkation (= Cherbourg; 9 = gueenstown; S = Southampton) 12) boat = lifeboat lig survived) 13) body = Body number (if did not survive and body was recovered).

Observations: last traded as it boil of a

Amported handas for processing the dataset after reading it into datagrame.

Also, Imported seabour joe data ulsulalization and betur data readdbility.

find the reclaiment patterns within it



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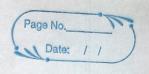
(In clusuiptive stedistics, a box plot or boxplot is a method for graphically domonstrating the locality spread and skewness groups of numerical data through their quartiles. In addition to the box on a boxplot, there can be lines (which are called whiskers) extending from the box indicating variability outside the upper & lower quartiles, thus the plot is also termed as the box-and-whisher plot & the box-and-whisher diagram)

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We can see that Among the total paysenger base the male who survived were from age groups 20 to 40 with few out of the range and above 65. Some of the male who chichet survive were from the age group between 15 to 40.

On the other hand, among the total female possenger who swrite ord were from the age group of 15 to 35, whereas the female passenger who didn't survive were from the age group between 20 to 40.

2) bling histplot, we can see that among total passenger the male who survived were from agegroup 10 to 65 blain and who didn't were manging from 65 to 45.



On the other hand, penale who survived were manging prom 10 to 65 among a jew who didn't survive were having age around 10. a method for graphically demonstrating the borders Conclusion: man to reprosper addressed to the boards studied the titanic dataset and identified relevant patterns and it man saubant the import & lower quartiles, thus the plat is towned as the box-and-notified that's the box-and-Whishes diagrams We can see that smong the lotal housenger base the male who summitted mere from age grown 20 to 40 with few out of the signal and a cure 65. Some of the male who which survive were from the age group between 15 to 40. On the other hand synong the total temple rossenges who survived were from the age group of 15 to 35 whereas the Lamale Rassenger who didn't Somethe were from the age group between 2) Ilsing histolot, we can see that among total hossenges the made who survived were from ageques 11 to 5 Main and who didn't perso manging from 65 to