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Cur. PV-21010005
Date 15/113/22
Code PMC 103
Cours: MCA See D

We are using Titanic classest to analyze

Load data

distance <- nead.csv("C:/wers/Desktop./struc.csv", header =

True, syp = ",")

Sign - Thyun

Frek at your clata

View (titanic)

This help is to familize with the data set.

= head (titanic, 10)

return first 10 rows

- tail (titanic, 10)
return Bottom, 10, rows

names (titanic)
This helps us in checking out all the variables in the data
set.

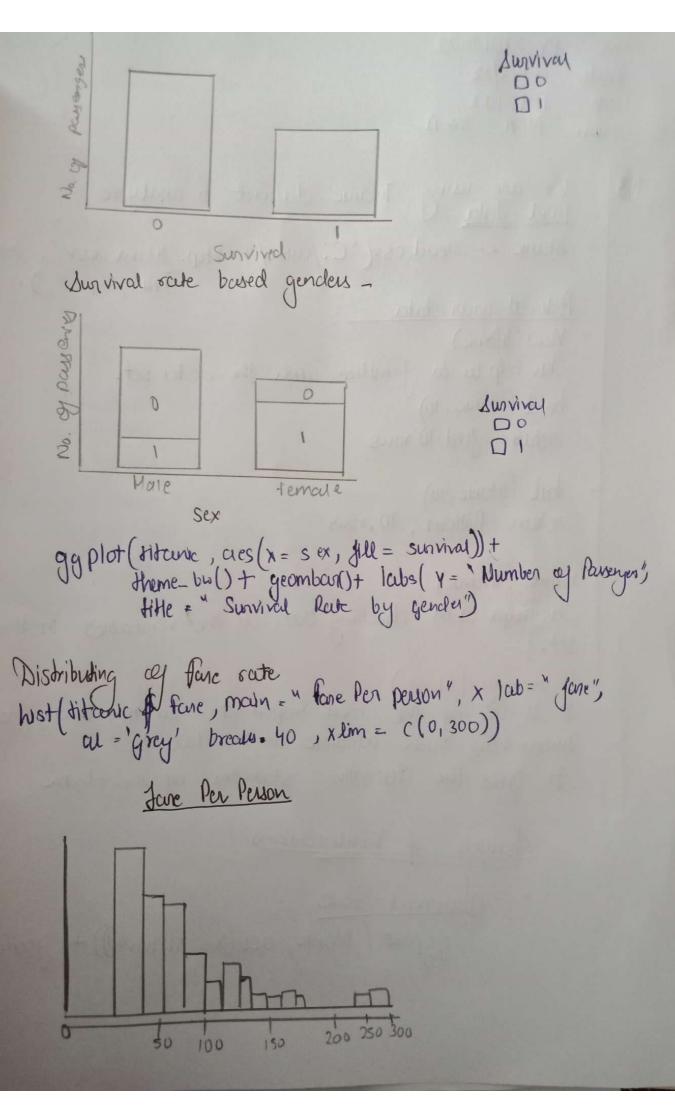
Summary (there)
He is one of the most important function that help in
summarizing back altribute in the dayset

At gives the also riptive staristics by the clata

Analysis 4 Viculizations

Survival rate

ggplot (thank, as (x = survival) + geam.ban()



Descriptive Stutistics Durmany - Gives us the cluciptive stats like In case of Numerical data:

The case of Numerical data: Measure of Central Trending: -= mean (Hitanic & fane) [an average person spent \$ 32. 32.26421 to board the tithours = made (titavic \$ Age) [most common age on thank = median (train \$ fane) Mecurie of Spread: It shows lowest and highest value of fanc Arcunge (fitceric & fonc) 0.000 512.3292 van (titanic \$ fane) 2469. 437 99x van (titaric & fine)) 49.69343 Interestical Statistics! Hypothesis Testing: new_clote <- subset (fitance, there & palar ==1). = , test 2 - Junction (a, b, n) { samplemeum = mean(a) pop-mean = mcan(b) c = nrow(n)Van-b = vanlb) zera = (sample-mean-pop-mean)/sgrt (von-b/c))

return zeta.

call Junction
2. test? (new data of survived, titaric of survived, new data)
7.423828

A HIVE