Page No. 33156
Date: Bakeli Janta ASSIGNMENT-5 AIM: Perform different operations ming R/ python 1808 LEM STATEMENT: Perform following operations whing he python on the amongon book store review & Facebook websicks dataset a create data subsets b. Meege data c. Solt data d. Transposing data c. Melting data to long format. 1. SUBSETTING DATA : Lhas a powerful indexing library for accessing object elemente. These object can be used to select & exclude variables & observations 2. SELECTING NARLABLES: # select variables

my vars ("v1", "v2", "v3")

nevdata (my vars) # another method

myvars = paste ( v , 1:3, lep: '')

levedata = mydata [ myvar] \* EXCLUSING VARIABLES:

my vars = namel (mydata)

mendata = mydata []my var) # exclude 3rd & 5 th variable newdata = mydata [((-3,-5)]

mydata \$ v3 t mydata \$ v5 = AULL 3 SELECT USING SUBSET FUNCTION: The subset function is the losiest way to select variables & observations In following sample, we select all somes that have a bealine of age > 20 or age < 10 newdata = select (mydata, age 7= 20 | age < 10)
select = C (Id, beight) 4. MERGING DATA: Adding columns:

Jo herge 2 dataframes horingontally, use merge

Johnsta func"

total - merge (dataframe A, dataframe B, ley: "Id") For more than I key variable, total 

merge (dateframe A, dataframe B, ley = il"Id",
"country" Is foin data sectically, use Hoind function total + Hbind (dataframe A, dataframe B) CONCLUSION: In this assignment use learnt basics of R sperations dataset. on Facebook weterie