



Department of Statistics
Kavayitri Bahinabai Chaudhari
M.Sc. (Statistics)
Topic 3 Use of R

- 1) Consider data sets named `table1`, `table2`, `table3`, `table4`, and `table5` from `tidyr` library in R. These datasets represent different variables for four variables, `country`, `year`, `month`, and `day`. Organizes the values in a different way.
 - a) Compute `rate` per 10,000 w
 - b) Compute `cases` per year w
 - c) Use appropriate function to g
 - d) Combined the tidied version
 - e) Use `table3` dataset to s
 - f) Combine a century and ye
- 2) Use the data from following link https://github.com/arunsrinivasan659/usda_flights library in R.
 - a) Read the data from a web l
 - b) Describe the data.
 - c) Check the format of data a
 - d) Select the columns named,
 - e) Drop the columns named ‘
 - f) Rename the variables ‘c
 - g) Suppose we want to find a
 - h) Filter all the flights whose
 - i) Filter all the flights whose
 - j) Sort the data with respo
 - k) Sort the data first by o
 - l) Add new columns name
 - m) Create a variable flag wh
 - n) Calculate mean, median, m
 - o) Calculate the mean arrival
 - p) Calculate the mean of arriv
 - q) Remove the duplicates val
 - r) Remove the duplicates val
 - s) Extract the last row within
 - t) Calculate the total number

[illegible]



Topic_3.pdf



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Rohan D Koshti

2 Aug

Lecture notes 1 and reference book is attached.



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Drive file



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