

UCS 548 Foundations of Data Science

Assignment 5

Use R to perform the following data cleaning:

Task for the Assignment	With/without dplyr function
Renaming columns	rename
Filtering to certain rows	filter
Selecting certain columns	select
Adding or changing columns	mutate

- Q1. Read the “daily_show_guests.csv” file from GitHub in the R and print the first 10 records.
- Q2. Display the “column names” of the table and rename the columns as: - year: YEAR; job: GoogleKnowledge_Occupation; date: Show; category: Group; guest_name: Raw_Guest_List.
- Q3. Create a report having year, date, and guest_name.
- Q4. Use “select” (dplyr) function to print all the record except “year”.
- Q5. Extract the list of peoples who are “actor” only name is “ABC”
- Q6. Arrange the records in-order of date.
- Q7. Add one column to the database with the name “Experience”. (Help: mutate() function in dplyr)