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Coursera: Data Science: Foundations using R Specialization
Course 3: Getting and Cleaning Data
@ Plyr Pkg -> arrange ( >
@ dplyv pkg
     " Select: return a subset of the Columns of a data frame
     " filter: extract a subset of rous from a data frame based on
          logical Conditions.
     "arrange: reorder rows of a data frame
     /// rename: rename variables in a data frame
     /// mutate: add new variables / columns or transform existing variables
     III Summarise / Summarize: generate Summary statistics of different
          variables in the data frame, Possibly within strata.
@ merger > , Plyr: joint >
                           4 Default left join
 @ text variables:
    1. fixing Character vectors: " tolowere? , toupper()
 Example: names (camera Data)
 "add ress" "direction" "Street" "Cross Street" "intersection" "location. 1"
    2. fixing Character vectors: strsplit()
    " strsplit (names (camera Data), "")[[5]] - "intersection
                        : Allb]] - "Location" "1"
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3. fixing Character Vectors: Sub. )
       Example: "solution_id" - sub ("_", "") -> "solutionid"
   4 fixing Character Vectors: gsube >
       Example: A <- "this - is - a - test"
            @ sub ("_"," ", A) → this is _ a_ test"
            @ 95ub1"_", "", A7 →"thisis atest"
   5. finding values: grept), grept()
   Others: Pkg: stringr @ substr(), @ str-trim()
@ Regular expression
   /// Character classes with []
            " [0-9][a-zA-Z] will match number ! letters
                               (order does not matter?)
            "" is used to refer to any character
            1, "1" OR
                           is "greedy" always matches the longest possible string
            " (. *) where * means " any number, including none,
                   of the item." + means at least one of them.
                * Example: [0-a]+ (, *)[0-9]+
But 1s(. *?)s$
```