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RStudio
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                                                Run Source - =
     mtcars %>%
  2
       mutate(car_name = row.names(.)) %>%
  3
       gather(vals, value, -car_name) %>%
  4
       filter(
  5
         car_name %in% c("AMC Javelin", "Ferrari Dino", "Fiat X1-9"),
  6
         vals %in% c("mpg", "hp", "wt", "drat", "qsec", "disp")
  7
  8
       (Top Level) $
                                                                 R Script $
  8:1
        Terminal ×
 Console
                  Jobs ×
 ~/ 🗪
       car_name vals value
  AMC Javelin mpg 15.200
      Fiat X1-9 mpg 27.300
  Ferrari Dino mpg 19.700
3
  AMC Javelin disp 304.000
4
5
      Fiat X1-9 disp 79.000
  Ferrari Dino disp 145.000
7
   AMC Javelin hp 150.000
      Fiat X1-9 hp 66.000
8
9 Ferrari Dino hp 175.000
10 AMC Javelin drat 3.150
    Fiat X1-9 drat 4.080
11
12 Ferrari Dino drat 3.620
13 AMC Javelin wt 3.435
      Fiat X1-9
                       1.935
14
                  wt
15 Ferrari Dino
                  wt
                       2.770
   AMC Javelin qsec
16
                      17.300
17 Fiat X1-9 qsec 18.900
18 Ferrari Dino qsec 15.500
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                                                  Run Source - =
      mtcars2 <- cbind(mtcars, car_name = row.names(mtcars))</pre>
      mtcars3 <- reshape2::melt(mtcars2, id = "car_name")</pre>
   3
      subset(
   4
   5
        mtcars3,
        car_name %in% c("AMC Javelin", "Ferrari Dino", "Fiat X1-9") &
   6
        variable %in% c("mpg", "hp", "wt", "drat", "qsec", "disp")
   7
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        (Top Level) $
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         Terminal ×
                   Jobs ×
 Console
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         car_name variable
                           value
     AMC Javelin
                       mpg 15.200
23
       Fiat X1-9
26
                       mpg 27.300
                       mpg 19.700
    Ferrari Dino
30
    AMC Javelin
                      disp 304.000
87
90
       Fiat X1-9
                      disp 79.000
    Ferrari Dino
                      disp 145.000
94
     AMC Javelin
                        hp 150.000
119
122
                        hp 66.000
       Fiat X1-9
126 Ferrari Dino
                        hp 175.000
     AMC Javelin
151
                      drat
                             3.150
154
      Fiat X1-9
                      drat 4.080
158 Ferrari Dino
                      drat
                             3.620
183 AMC Javelin
                             3.435
                        wt
186
        Fiat X1-9
                             1.935
                        wt
190 Ferrari Dino
                        wt
                             2.770
     AMC Javelin
215
                            17.300
                      qsec
218
       Fiat X1-9
                      qsec
                            18.900
222 Ferrari Dino
                      qsec
                            15.500
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                                              Run Source -
     mtcars2 <- cbind(mtcars, car_name = row.names(mtcars))</pre>
     mtcars3 <- reshape2::melt(mtcars2, id = "car_name")
     subset(v
       mtcars3,
       car_name %in% c("AMC Javelin", "Ferrari Dino", "Fiat X1-9") &
       variable %in% c("mpg", "hp", "wt", "drat", "qsec", "disp")
  8
  9
      (Top Level) $
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Console Terminal × Jobs ×
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~/ 🗪
       car_name variable value
    AMC Javelin
                     mpg 15.200
      Fiat X1-9
                     mpg 27.300
30 Ferrari Dino
                     mpg 19.700
    AMC Javelin
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    Fiat X1-9
                    drat 4.080
158 Ferrari Dino
                    drat 3.620
183 AMC Javelin
                      wt 3.435
186
    Fiat X1-9
                      wt 1.935
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                      wt 2.770
215 AMC Javelin
                    qsec 17.300
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                    qsec 18.900
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                    qsec 15.500
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       vals %in% c("mpg", "hp", "wt", "drat", "qsec", "disp")
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