



## Exercise

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Use the **Cars** data set in the **SP4R** library to complete this exercise.

### 1. Creating a New Data Set Variable Conditionally

- a. Use the new variable that you created in Exercise 1. Create a new variable in the **Cars** data set called **mpg\_quality**, which is a character variable. Set **mpg\_quality** according to the following table:

Mpg_average	Mpg_quality
<20	Low
20-29	Medium
>30	High

- b. Print observations 65 through 70 for the variables **mpg\_average** and **mpg\_quality** to ensure that the variable is created.