

Quiz 03

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Name: _____

1. Load the **Auto** dataset from the **ISLR** library. (Hint: Load the library first, then load the data)

```
# Answer:
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```

- i) How many variables (columns) are in the **Auto** dataset & what is the sample size (number of rows)?

```
# Answer:
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```

- ii) What are the names of variables in the **Auto** dataset?

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# Answer:
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- iii) What is the average **mpg**?

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# Answer:
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- iv) What is the highest **horsepower** recorded?

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# Answer:
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```

v) Create a histogram for the variable `mpg`. **Use only 6 bins.** (Hint: Load the `ggplot2` library first)

```
# Answer: Write the code here and sketch the graph here (label the axeses)
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```

vi) Create a boxplot for to compare the `acceleration` among the levels of the `origin` variable.

```
# Answer: Write the code here and sketch the graph (label the axeses)
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```