

Exercise: Group By Aggregations

This exercise will test your ability to do group by aggregations on a pandas data frame

WE'LL COVER THE FOLLOWING ^

- Group by aggregations

Group by aggregations

We'll use the same function we created in the [Reading Data exercise](#) to read in the `pandas` data frame.

We will create an additional function `group_aggregation` which will take a data frame, a group variable, and an aggregation variable. The function will group by the group variable and calculate the mean of the aggregation variable for each group. Your function will return the grouped data frame.

Try to implement the function below. Feel free to view the solution, after giving it a few shots. Good Luck!

```
import pandas as pd
def read_csv():
    # Define the column names as a list
    names = ["mpg", "cylinders", "displacement", "horsepower", "weight", "acceleration", "model"]
    # Read in the CSV file from the webpage using the defined column names
    df = pd.read_csv("auto-mpg.data", header=None, names=names, delim_whitespace=True)
    return df

df = read_csv()

def group_aggregation(df, group_var, agg_var):
    return 0 # Update function to return the grouped data frame
```



We hope that you were able to solve the challenge. The next lesson brings you the solution to the above challenge.

