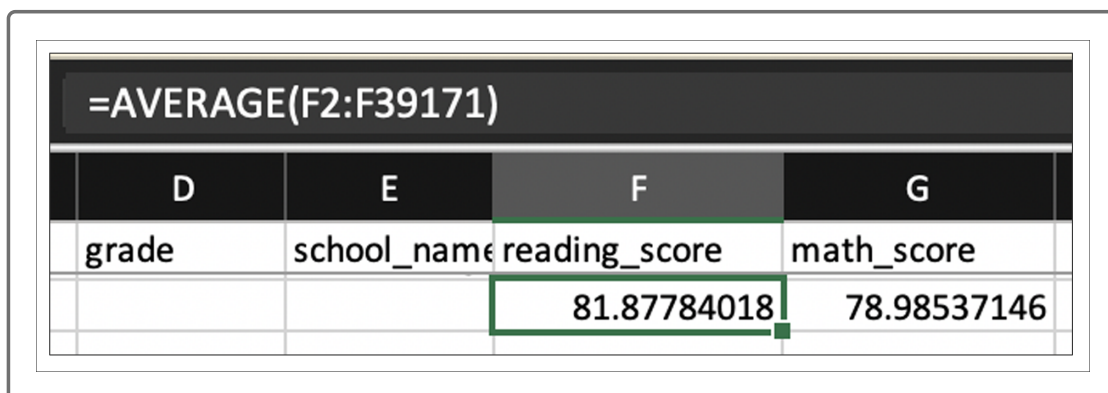


4.7.5 Get the Score Averages

You're doing a great job completing these tasks. So far, you have calculated the total number of students, the total number of schools, and the total budget of the district. Now you need to get the average math and reading scores.

Before we get the average math and reading scores for all the students in the district, let's open `student_data.csv` file and look at the data.

The averages can be determined by clicking inside an empty cell and adding the `=average()` function for the "reading_score" and "math_score" columns, as shown in the following image of the CSV file:



=AVERAGE(F2:F39171)			
D	E	F	G
grade	school_name	reading_score	math_score
		81.87784018	78.98537146

The Pandas method for getting the average of columns is the `mean()` method.

Find the Average Reading Score

Using the `school_data_complete_df` DataFrame, we can get the average reading score using the following code:

```
# Calculate the average reading score.  
average_reading_score = school_data_complete_df["reading_score"].mean()  
average_reading_score
```

When this code is executed, we get the following results:



The average, 81.87784018 is the same as in `student_data.csv` when we use Excel.

Find the Average Math Score

Now we'll repurpose the code for the average reading score to find the average math score, replacing `average_reading_score` with `average_math_score`.

Run the following code:

```
# Calculate the average math score.  
average_math_score = school_data_complete_df["math_score"].mean()  
average_math_score
```

The results are the following:



The average, 78.9853714, is the same as in `student_data.csv`.

© 2020 - 2022 Trilogy Education Services, a 2U, Inc. brand. All Rights Reserved.