Instructions

Mean of a 1D array

Problem | Solutions

Write a `calc_stats` function that reads data from a CSV file and calculates its mean and the median. Your function should take the name of the file as an argument and return the mean and median in a tuple, rounded to one decimal place.

Here's a sample file that your function could take:

data.csv

```
8.84,17.22,13.22,3.84
3.99,11.73,19.66,1.27
16.14,18.72,7.43,11.09
```

Your function should work like this:

```
>>> calc_stats('data.csv')
(11.1, 11.4)
```

The first value is the mean and the second value is the median. You can round your results using NumPy's round function.

Your solution cannot use the builtin `statistics` module.

To test your program with different files we've provided another two CSV files in the editor on the right.

For `data2.csv`, your function should work like this:

```
>>> calc_stats('data2.csv')
(11.4, 10.4)
```

Don't forget to round your results to one decimal place!

Hint

If you are using numpy's `loadtxt` function, make sure you set the delimiter to comma.