python_column_manipulation_workbook_answers

September 22, 2020

1 PYTHON COLUMN MANIPULATION WORKBOOK ANSWERS

Remember, there are different ways to write code to get the same answer, so your answer can be correct and different to the answer example!

If you feel stuck and want some in person help, then have a look at the events page to join in a workshop https://swamphen.co.uk/events.

```
In [ ]: # import pandas
        import pandas as pd
In []: # read in data from
        # https://vincentarelbundock.github.io/Rdatasets/csv/DAAG/frogs.csv
        {\it\# information at https://vincentarelbundock.github.io/Rdatasets/doc/DAAG/frogs.html}
        frogs = pd.read_csv('https://vincentarelbundock.github.io/Rdatasets/csv/DAAG/frogs.csv
In []: # print the tail
        frogs.tail()
In []: # remove the first column which is just a list of numbers
        frogs = frogs.drop('Unnamed: 0', axis = 1)
In []: # print the tail to check
       frogs.tail()
In [ ]: # change the title NoOfPools and NoOfSites to snake case
        frogs = frogs.rename(columns = {'NoOfPools': 'no_of_pools', 'NoOfSites': 'no_of_sites';
In []: # print the headder to check
        frogs.head()
In [ ]: # create a new column that is an average of the means
        frogs['average'] = (frogs['meanmin'] + frogs['meanmax']) / 2
In []: # print the headder to check
        frogs.head()
In []: # remove the meanmin and meanmax
        frogs = frogs.drop('meanmin', axis = 1)
```