Problem 4 (10 pts.) When answering a numerical value enter only the numerical value in the answer box. No unit required. If it says "up to N decimal places", release assesser by rundrish of the N41 (serimal places.

Answer the following questions by referring to dm-end1-4.ipynb.

4

For data x=[1.0, 1.2, 1.5], weights are given as w=[0.2, 0.5, 0.6]. At this time, find the weighted average of the data x up to the second decimal place.

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Given two ndarrays (numpy arrays) x and w of the same length, define a function wmean() that returns the weighted average of x by w as a return value. In order to complete the function wmean(), answer the code that applies to blank (2) in the notebook.

Define a function called dic_wmean() that returns the weighted average of the numerical values stored in the dictionary dic with the weight w. In the notebook, the blank (3) will have a code for converting the dictionary dic into a Series of pandas. Answer the code in (3).

4.

When you create a function correctly and run the entire notebook, answer in what order the functions will be executed.

(unselected)

The order of wmean() and dic_wmean()

The order of dic_wmean() and wmean()

Only wmean() is executed
Only dic wmean() is executed

2.

5. When ndarray w has [0.6, 0.1, 0.3], answer the return value of dic. wmean(f'A'; 10,'B'; 2,'C';4), w) to the first decimal place.

which mainly what [0.6, 0.1, 0.3], answer the return value of the whiteam((A. 10, B. 2, C.4), w) to the first declinal place

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