

ED5340:Data Science: Theory and practice

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LAB 4: PART-2: DICTIONARY AND FUNCTION



Opened: Wednesday, 14 February 2024, 1:30 PM
Due: Saturday, 17 February 2024, 11:59 PM

6. Store the employee IDs, names, salaries, and years of experience using nested dictionaries (the key of the highest level dictionary can be the employee ID).
- a) Sort this dictionary using the salary value.
- b) Add a new employee to the dictionary in the correct position (sorted as mentioned above).
7. You are given two Python dictionaries, A and B, with keys as alphabets and values as random integers. Write a Python function to create a third dictionary C, that combines A and B. For common keys, the value in C should be the sum of values from A and B.
- For example, if dictionary A is {"a": 3, "b": 5, "c": 7} and dictionary B is {"b": 2, "c": 4, "d": 6}, the function should return a dictionary C that looks like {"a": 3, "b": 7, "c": 11, "d": 6}.
8. Assume you have a list of lists, where each inner list contains two elements: a key and a value. Write a Python function that takes the list of lists as input and returns a list of dictionaries, where each dictionary contains a key-value pair from the original input list.
9. Illustrate the usage of positional and keyword arguments using suitable examples.
10. Write a function to find the maximum of n numbers using variable length positional arguments.
11. Write a function to concatenate n strings using variable length keyword arguments.

Submission status

Submission status	Submitted for grading
	This assignment is not accepting submissions
Grading status	Graded
Time remaining	Assignment was submitted 32 mins 41 secs early
Last modified	Saturday, 17 February 2024, 11:26 PM

File submissions	<div><div><div></div><div></div><div></div></div><div>AM23M022_LAB4_PART2_14_02_2024.py 17 February 2024, 11:26 PM</div></div>
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Feedback

Grade	10.00 / 10.00
Graded on	Monday, 3 June 2024, 9:02 AM
Graded by	eM ed19b019 MISHMA MARIYAM RAJU

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