

20PAIC51J – Python for Data Science

Inferences from Project Questions – Units I and II

In this assignment on Python for Data Science, the questions are asked on how Python's different datatypes/objects can be applied to arrive a solutions for given scenarios.

Below are the inferences/ observations/ Learnings made out of each respective questions.

1. Different operations of 'set' datatype operations under Collection/ Container are used
2. Lambda function, filter functions are used and explained the difference between remove() and discard.
3. Applied 'datetime' object and it's various operations.
4. 'String' object operations, slicing, reverse, split functions are applied
5. 'String' object find, split functions are applied
6. 'String' object split function is applied, then using Dictionary object and with lambda function identified the top five used words.
7. Defined user function, moved the tuple items to Dictionary object and with lambda function identified the top 3 employees with highest scores.