
Assignment 5

2025. 07. 10

❑ Problem

Replace the list of transactions to the *dataframe* in pandas library. The dataframe contains the same attributes to the transaction class.

Moreover, add following methods in bank class to compute the statistics using the dataframe for the transaction.

- Compute Maximum, Minimum, Average Value for Each Transaction Type
- Compute Maximum, Minimum, Average Valance for Account Type
- Compute Maximum, Minimum, Average Valance for Each User

Make a main code to show the statistics after multiple transactions are performed.

❑ Assessment Points

- Pandas
- Data Structure
- Statistics

❑ Development Environment

- Language: Python 3.11
Please make the other environment for assignments.
- Library
 - Pandas

❑ Request

- Avoid using generative AI systems(chat-bot) when you make the method for solving this assignment.
 - However, it's welcome to find the specific methods or the usage of the methods. Because this assignment is to know how to solve the problem and your problem-solving style, please provide all your own results.
 - You can submit multiple results if you make multiple solutions.
- Put the following comment for providing the code information in front of the code.

```
"""
File Name: {*.py File Name}
Created Date: {Today's Date}
Programmer: {Full Name for the Code developer}
Description: {Information of This code}
"""
```

❑ **Submission**

- Add comments to lines that contain the significant and important function for this assignment.
 - If you have events occurred while finding the solution, please write all methods.
- Make the document containing the following information.
 - Trial Records during solving the problems
 - Output Screen Dump
- Upload *.py file with the results to the github;
 - https://github.com/MyeongHo-Song/Assignments_gj
- Due Date is the end of next week (18th July.)
 - If you need more time, you can request it before 17th July. noon.