Symbiosis Skills and Professional University

Skill Journal

Name: Yograj Anant Gadekar   **Date: 04/10/2021**

PRN: DA13 batch

School: School of Data Science

Course: Data Associate (Data Science) DA13

Module Name: Python for Data Analysis **/** Managing with Data **/** Analyzing Data from Disparate Sources **(tick any one)**

1. **Skill Activity Number :** 03

2. **Title :** Create Classes and Objects based on the project topic (PUBG Game Data Analysis)

3. **Skills / Competencies to be acquired :**

4. **Duration: 2 days.**

5. **What is the purpose of the activity?**
   Purpose of this activity is than to understand the how to create a class and its object

6. **Steps Performed in this activity?**
   There are 3 steps can perform in this activity 1st is creating class 2nd is creating object of that particular class and last 3rd calling that methods using class

7. **What resources / materials / equipment / tools did you use for this activity?**
   Jupyter notebook, MS word

8. **What skills did you acquire?**
   Creation of class and objects and how to call that objects

9. **Time taken to complete this activity?**
   1Hrs

Assignment : 3 Create Classes and Objects based on the project topic (PUBG Game Data Analysis)

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```python
In [1]: class Player():

            p_id = ''
            dob = ''
            age = ''
            healing = ''
            kills = ''
            match_id = ''
            match_type = ''

            def getd(self,p_id,dob,age,healing,kills,match_id,match_type):
                self.p_id = p_id
                self.dob = dob
                self.age = age
                self.healing = healing
                self.kills = kills
                self.match_id = match_id
                self.match_type = match_type

            def setd(self):
                print('Player Id is:',self.p_id)
                print('Player Date of Birth is:',self.dob)
                print('Player age is:',self.age)
                print('Healing  is:',self.healing)
                print('Player Kills is:',self.kills)
                print('Player Match Id is:',self.match_id)
                print('Player Match Type is:',self.match_type)
```

```
In [2]: class Matches():
            match_id = ''
            match_type = ''
            match_duration = ''

            def get_match(self,match_id,match_type,match_duration):
                self.match_id = match_id
                self.match_type = match_type
                self.match_duration = match_duration

            def set_match(self):
                print('Player Match Id is:',self.match_id)
                print('Player Match Type is:',self.match_type)
                print('Player Match Duration is:',self.match_duration)
```

```
In [3]: play = Player()
        play.getd('2f262dd9795e60','01/10/2000','20','2','3','d5db3a49eb2955','squad-fpp')
        play.setd()

        Player Id is: 2f262dd9795e60
        Player Date of Birth is: 01/10/2000
        Player age is: 20
        Healing  is: 2
        Player Kills is: 3
        Player Match Id is: d5db3a49eb2955
        Player Match Type is: squad-fpp
```

```
In [4]: match = Matches()
        match.get_match('d5db3a49eb2955','squad-fpp','1:37:6')
        match.set_match()

        Player Match Id is: d5db3a49eb2955
        Player Match Type is: squad-fpp
        Player Match Duration is: 1:37:6
```