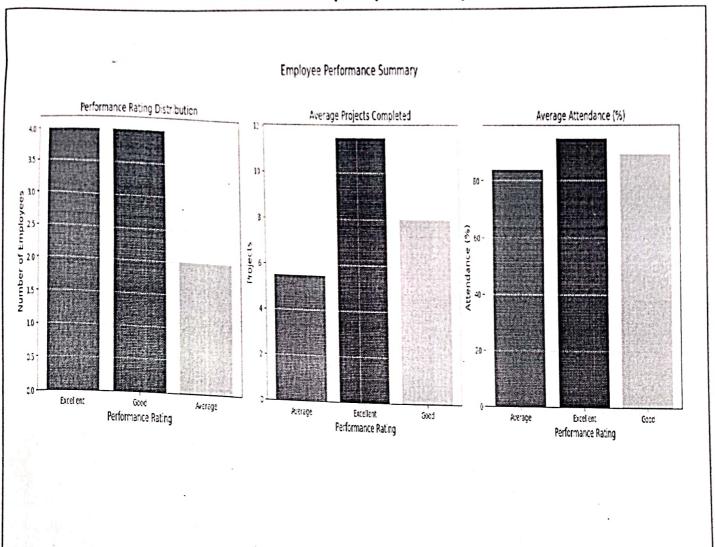
School: SOET Campus: V2m
Academic Year: 2021/25. Subject Name: DAUP Subject Code: Cutanlole.
Centurion UNIVERSITY Semester: 7 Program: B. TECH Branch: ECE Specialization: ECE
Date:
Applied and Action Learning (Learning by Doing and Discovery)
Name of the Experiement: Create an infographic Using matplotlib fummer Coding Phase: Pseudo Code / Flow Chart / Algorithm dataget
- road the dataset
Aggregate Sate all I
rojects, and attendance.
situate supplies of a fine of the
Alot performance valing distributing as a lear chart. A plot average projects completed as a bar chart. A plot average attendance as a bar chart.
a plat completed as a bar chart.
$\mathcal{L}_{\mathcal{L}}}}}}}}}}$
- Adjust layout and display the infographic
resting Phase: Compilation of Code (error detection)
detection)

Implementation Phase: Final Output (no error)



ASSESSMENT

Rubrics	Full Mark	Marks Obtained	Remarks
Concept	10		
Planning and Execution/	10		
Practical Simulation/ Programming			
Result and Interpretation	10	***************************************	
Record of Applied and Action Learning	10		
Viva	10		•
Total	50		

Signature of the Student: 6-8 +6-1

Regn. No. : 21180113100)

Page No.....

```
Import pandas as pd
      Import matplotlib. Pyplot as plt
     df = pd. read_csv ('employee_performance.csv')
    vating. Counts = df ['performance Rating']. value_counts()
   average - Projects = df. groupby ('performance Rating') ['projects
  average - attendance = df 'groupby ('performance Rating')
                                             completed J. mean ()
 fig, ans = pit. Subplots (1, 3, figsize = (18,6))
  any [o]. bour (rating_ counts. index, rating_ counts. values,
                        Color=["green", "blue", "orange"])
  ares [o]. Set_title ('performance Rating Distribution', fontifically)
  any (o]. Set-ylabel ("Number of Employees", fontsize=12)
 OXYS[0]. set-xlabel ("performance Rating", fontsize =12)
ares CoJ. grid Caseis = 'y', linestyle = '--'; alpha=0.7)
axs (i). Dar Cauvage_attendance.index, auvage_attendance
                           lalues, color = ["green", blue", "bænge"])
axy []. set_tetle ("Average Attendance (%)", fontije=14)
axs(i). set-ylabel ("Attendance (.)), font size = 12)
any (1). grid (ascig='y'; linesstyle'--', alpha=0.7)
PIt. Suptitle ["Employee performance summary", fontsite=16)
Plt. tight_layout (rect = [0,0.03,1,0.95])
PIt. show()
```