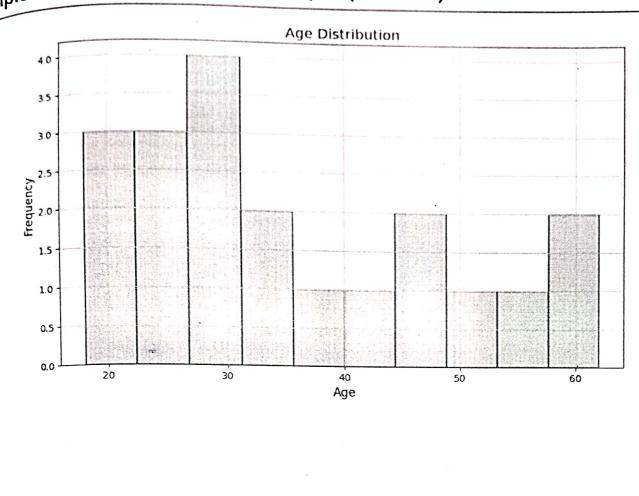
di di	
	School: Campus: V2m
	Academic Year: 2021.25 Subject Name: DAVB Subject Code: Control D. 12.
nurion	Semester: 3th Program: B!Jech Branch: ECE Specialization: ECE
The Co	Date:
	Applied and Action Learning (Learning by Doing and Discovery)
of the	e Experiement: Visulize the brequency distribution of ages in
ding	Phase: Pseudo Code / Flow Chart / Algorithm dataset using histogram
impl	ou The necessary subravily; pandas for data handling
ana	- Mariana For Moning.
crea	te a simple dataset with age data in a dictionary
and	convert it into a pandas Enta brane.
ul	'11.f. hitc)' to create a histogram of the 'Age' column
frec	ifying the number of beny and austonisty
1 -	edge of the vacs
Add	do title, x-axis label, uno
for	hatther less don tour
Oi	How the slot wing 'olt show) and enable grid lines

Testing Phase: Compilation of Code (error 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. 5 + 1

Name: 6. Sumanth

Regn. No.: 211801131001

Page No.....

Signature of the Faculty:

```
Import Pandas as pd
Import matiplotlib. Pyplot as plt
data = }
     'Age ': [23,45,18,34,25,40,28,22,60,55,30,36,29]
df = pd · Datafoame (data)
pit. figure (figsize=(10,6))
PIt. hist Cdf ('Age'), bins=10, color='skyblue', edgecolor='black')
PIE. Little C'Age Distribution, fontsize=14)
pit · xlabel ('Age', fontsize =12)
PIt· 4 label ('frequency', font size = 12)
pit. grid (True)
pit. Show ().
```