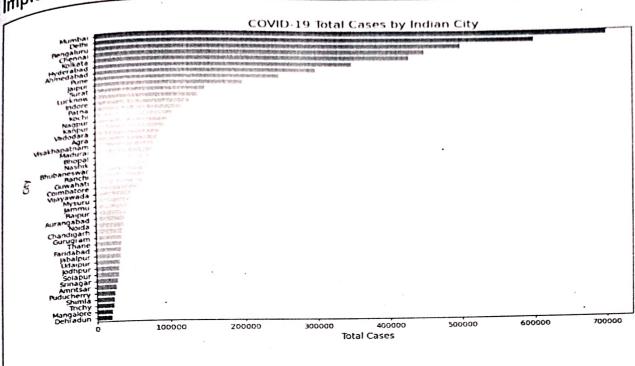
School: School: 1/2m
Academic Year: 2021/25 c
Semester: 9 Program: B. Tech Branch: Ce Specialization: CE
Date:
Applied and Action Learning
(Learning by Doing and Discovery)
cofthe experience. Could be a dataset on city use
oding Phase. Pseudo Code / Flow Chart / Algorithm
matplot lib. ryplot' for plotting, and 'slaborn' for enhanced visulation'
enhanced visulation Molting, and Sealorn for
a load the dotaget with
ata frame.
yroup data by 'city' and sum "Total-cases' for better
visualization
not a lear chart using 'sn's learplot (); add labels.
and display the plot with plot-show():

esting Phase: Compilation of Code (error detection)

Implementation Phase: Final Output (no error)



ASSESSMENT

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:

Name: G. Sumanth Regn. No.: 211801131601

Page No.....

Signature of the Faculty:

Import pandas as pd

Import matplotlib. pyplot as plt

Import seaborn as sns

df = pd. read_ csv ('covid_data.csv')

city_ case = df. groupby ('city') [Total_cases']. Sum(). reset_index()

city_ case = city_ cases. Sort_ values (by = 'Total_cases', ascending

plt. figure (figsize = C1218))

sns. barplot (x = 'Total_cases', y = 'city', data = city_cases, palette=

plt. title ('cases-cases', y = 'city', data = city_cases, palette=

plt. title ('cases-cases', y = 'city', data = city_cases, palette=

plt. title ('cases-cases', y = 'city', data = city_cases, palette=

plt. title ('cases-cases', fontsize=12)

plt. ylabel ('Total cases', fontsize=12)

Plt. Show()