

Untitled2.ipynb

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RAM Disk

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Files

..

sample_data

Students Performance Dataset.csv

Students Performance Dataset.js...

Students_Grading_Dataset_Bias...

Students_Grading_Dataset_Bias...

metadata.xlsx

[2] ✓ 3s

!pip -q install kaggle imbalanced-learn

[3] ✓ On

import pandas as pd

df = pd.read_csv("Students Performance Dataset.csv")

df.head()

Student_ID First_Name Last_Name Email Gender Age Department Attendance (%) Midterm_Score Final_Score ... Projects_Score

0 S1000 Omar Williams student0@university.com Female 22 Mathematics 97.36 40.61 59.61 ... 62.8

1 S1001 Maria Brown student1@university.com Male 18 Business 97.71 57.27 74.00 ... 98.2

2 S1002 Ahmed Jones student2@university.com Male 24 Engineering 99.52 41.84 63.85 ... 91.2

3 S1003 Omar Williams student3@university.com Female 24 Engineering 90.38 45.65 44.44 ... 55.4

4 S1004 John Smith student4@university.com Female 23 CS 59.41 53.13 61.77 ... 87.4

5 rows × 23 columns

colab.research.google.com/drive/1_SEO86pb5sV4NYC43lcWunzKuo4bGoZa#scrollTo=WdHnaBbbGlp9

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Next steps: [Explain error](#)

```
[6]: df.isnull().sum()
```

	0
Student_ID	0
First_Name	0
Last_Name	0
Email	0
Gender	0
Age	0
Department	0
Attendance (%)	0
Midterm_Score	0
Final_Score	0
Assignments_Avg	0
Quizzes_Avg	0
Participation_Score	0
Projects_Score	0

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colab.research.google.com/drive/1_SEO86pb5sV4NYC43lcWunzKuo4bGoZa#scrollTo=LBNYwZPNIF9h

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/tmp/ipython-input-4061337566.py:6: FutureWarning:

```
... Passing 'palette' without assigning 'hue' is deprecated and will be removed in v0.14.0. Assign the 'x' variable to 'hue' and set 'legend=False'
```

sns.barplot()

Average Study Hours per Week vs Grade

Grade	Average Study Hours per Week
0	17.5
1	15.0
2	15.0
3	15.0
4	15.0

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