

Untitled2.ipynb

File Edit View Insert Runtime Tools Help

Commands + Code + Text Run all

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] ✓ 0s

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] ✓ On
df.isnull().sum()
```

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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Files

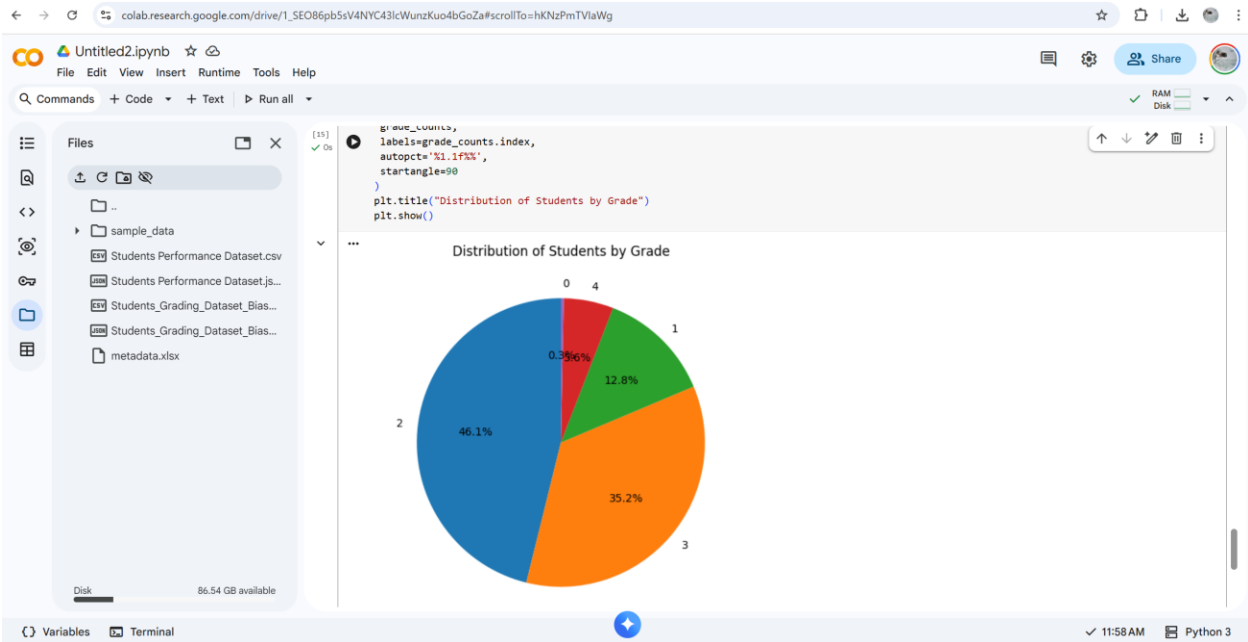
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```
/tmp/ipython-input-4061337566.py:6: FutureWarning:
... Passing 'palette' without assigning 'hue' is deprecated and will be removed in v0.14.0. Assign the 'x' variable to 'hue' and set 'legend=False'
sns.barplot()
```

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

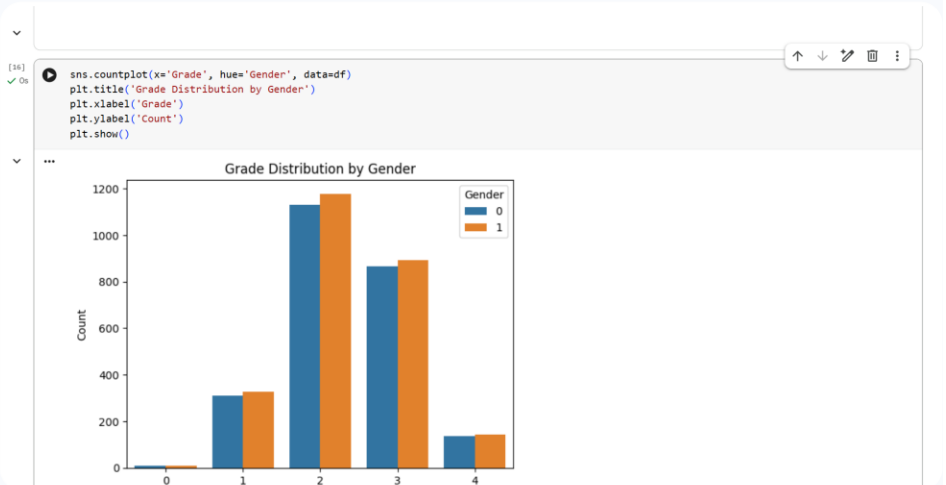
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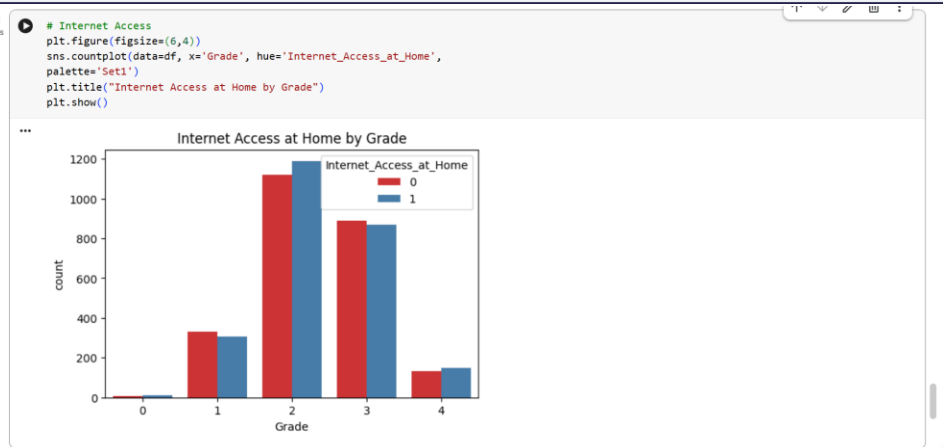
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