

PieChart_Chapter1

July 28, 2021

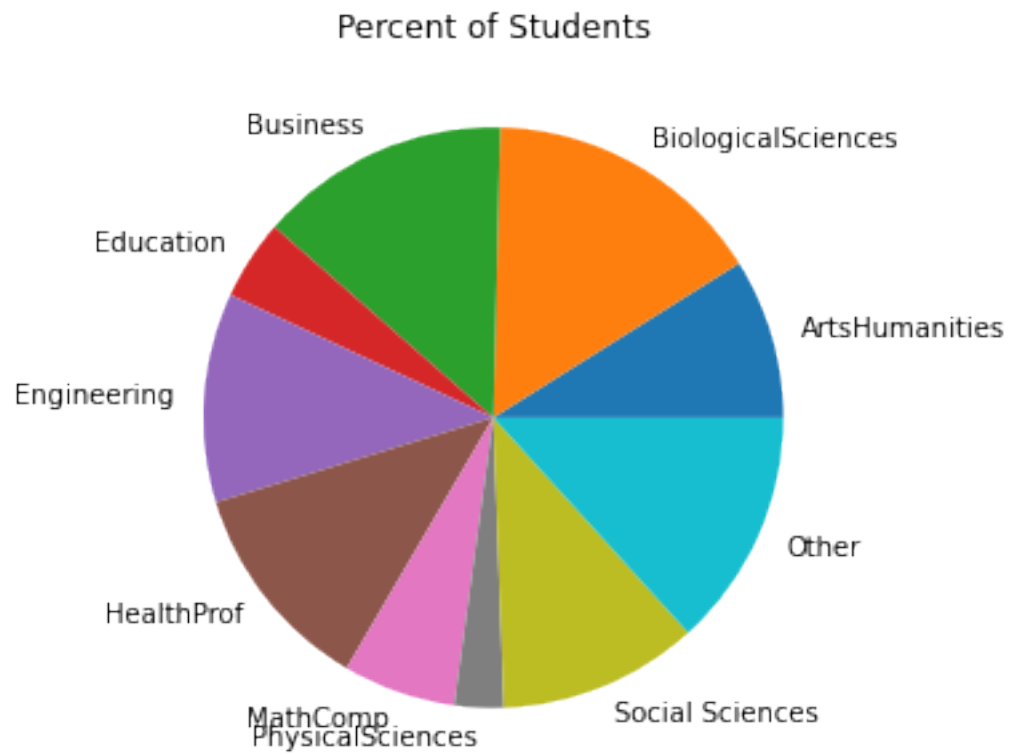
```
[1]: import pandas as pd

data = pd.read_csv (r'/Users/camiladesouza/OneDrive - The University of Western_
↳Ontario/DS1000/textbook_datasets_csv/chapter_01/eg01-02majors.csv')
print(data)
```

| | Field of Study | Percent |
|---|--------------------|---------|
| 0 | ArtsHumanities | 8.8 |
| 1 | BiologicalSciences | 15.5 |
| 2 | Business | 13.8 |
| 3 | Education | 4.4 |
| 4 | Engineering | 11.5 |
| 5 | HealthProf | 11.7 |
| 6 | MathComp | 6.2 |
| 7 | PhysicalSciences | 2.7 |
| 8 | Social Sciences | 11.0 |
| 9 | Other | 13.1 |

```
[2]: df = pd.DataFrame(data, columns = ['Field of Study', 'Percent'])
```

```
[3]: import matplotlib.pyplot as plt
fig = df.plot.pie(y='Percent', figsize=(5,5),
                  labels=df['Field of Study'],legend=False,title="Percent of_
↳Students",ylabel='')
plt.show(fig)
```



```
[4]: fig.figure.savefig('piechart.pdf')
```

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[ ]:
```