piechart

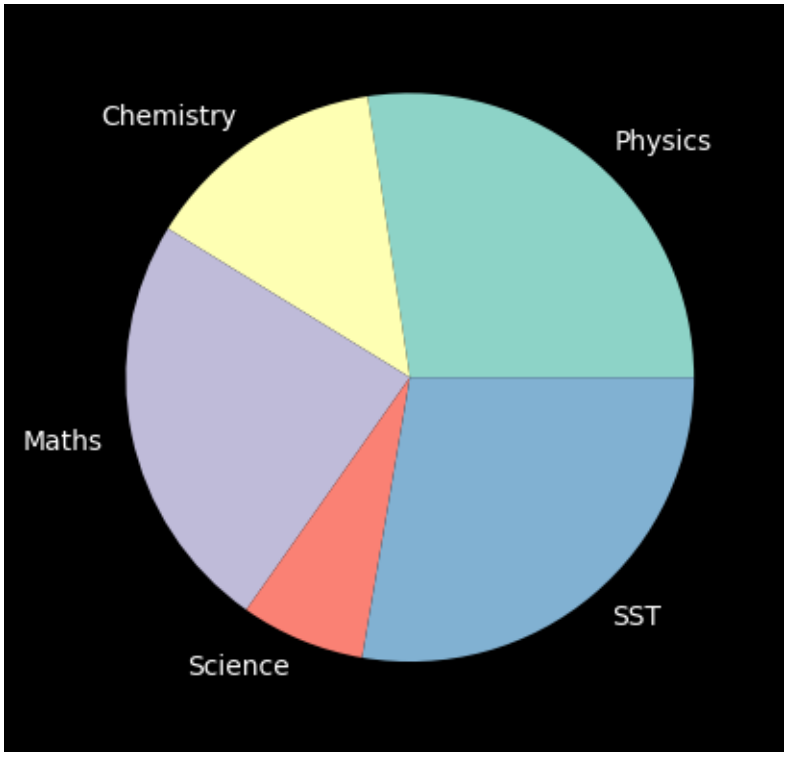
March 20, 2025

[1]:
```
import matplotlib.pyplot as plt
import numpy as np
import pandas as pd
```

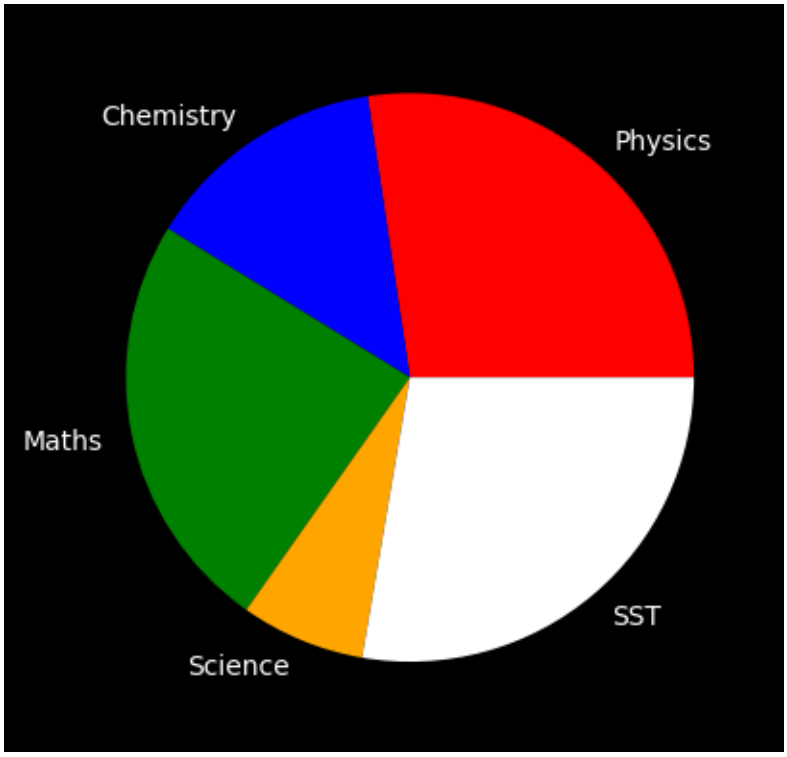
[2]:
```
plt.style.use('dark_background')
```

[3]:
```
clasess = ['Physics','Chemistry','Maths','Science','SST']
marks = [89,45,78,23,90]
```

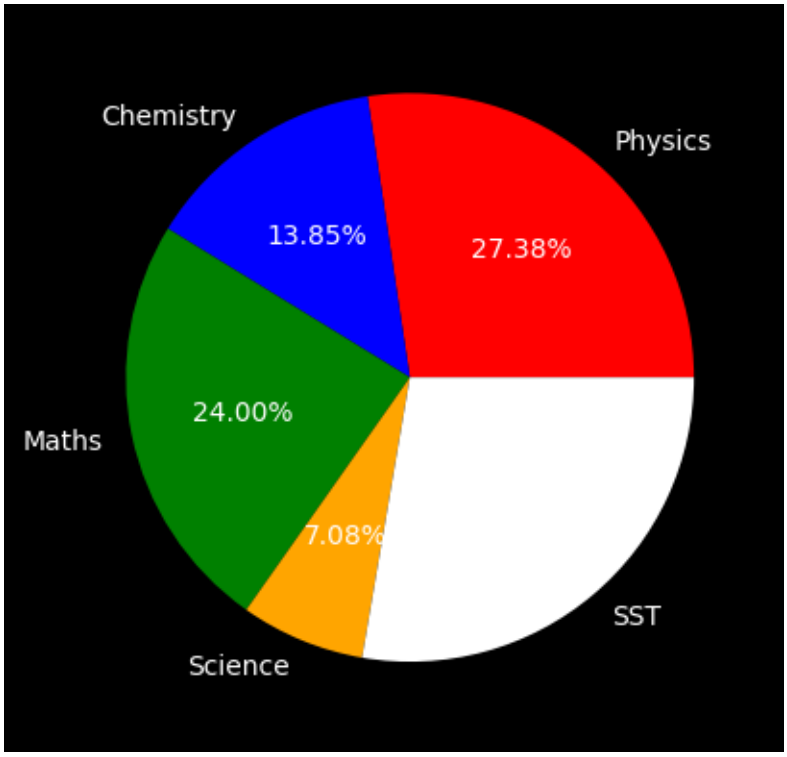
[4]:
```
plt.pie(marks,labels = clasess)
plt.show()
```



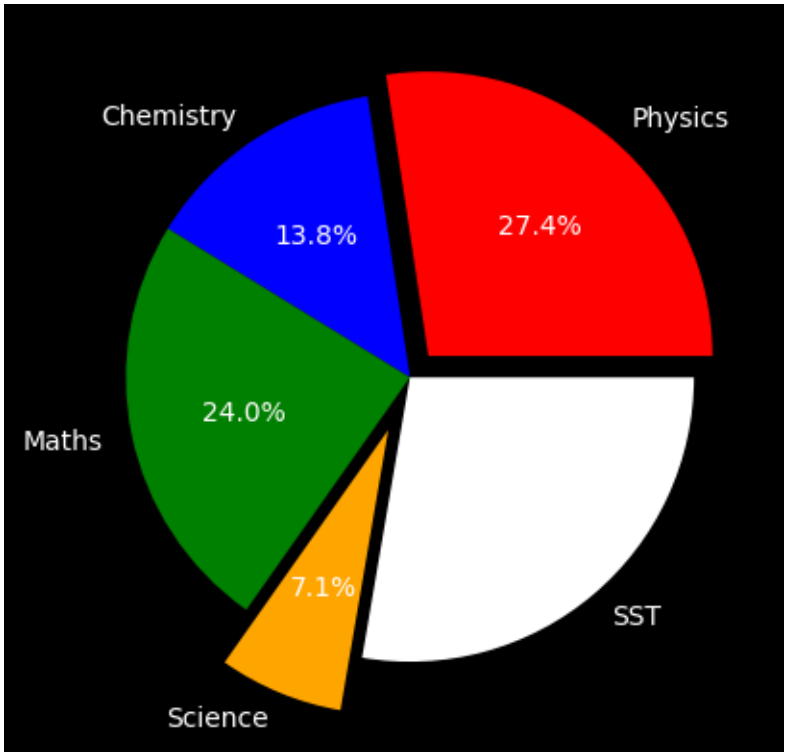
[6]:
```
colors = ['red','blue','green','orange','white']
plt.pie(marks,labels = clasess,colors = colors)
plt.show()
```



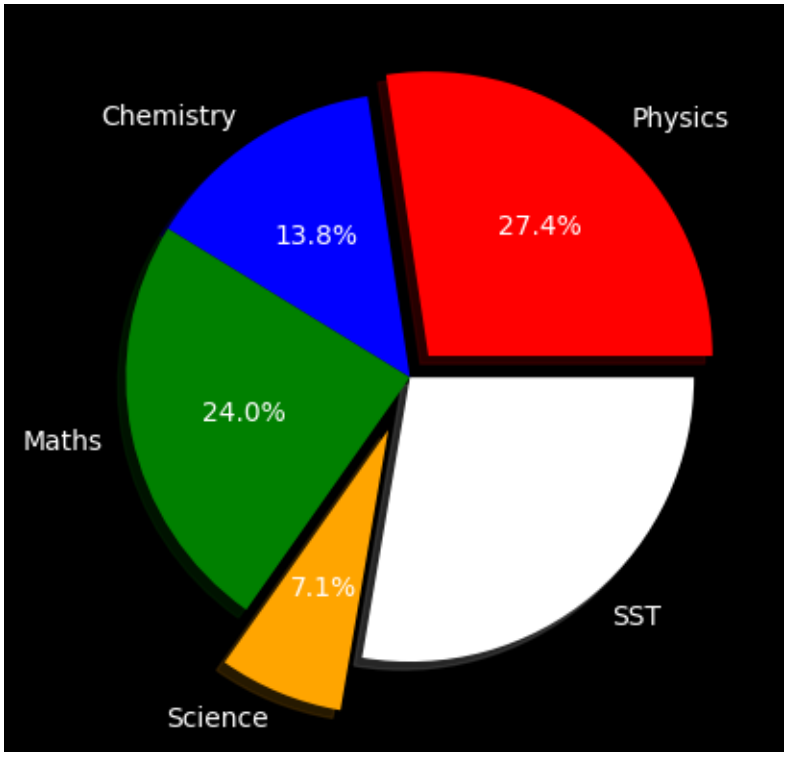
[8]:
```
colors = ['red','blue','green','orange','white']
plt.pie(marks,labels = clasess,colors = colors,autopct = '%0.2f%%')
plt.show()
```



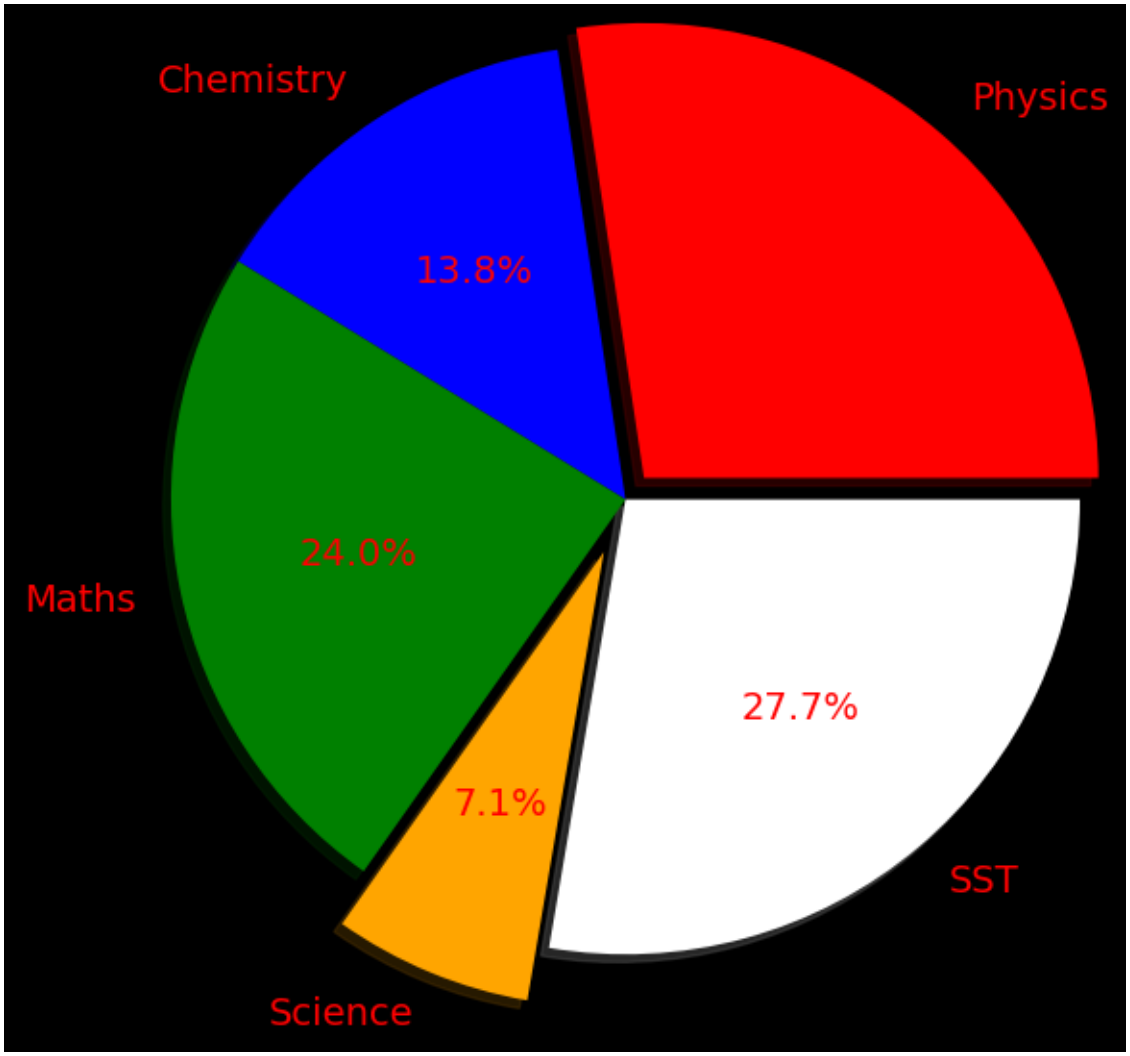
[11]:
```
exploded_values = [0.1,0,0,0.2,0]
plt.pie(marks,labels = clasess,colors = colors,autopct = '%0.1f%%',explode =␣
  ↪exploded_values)
plt.show()
```



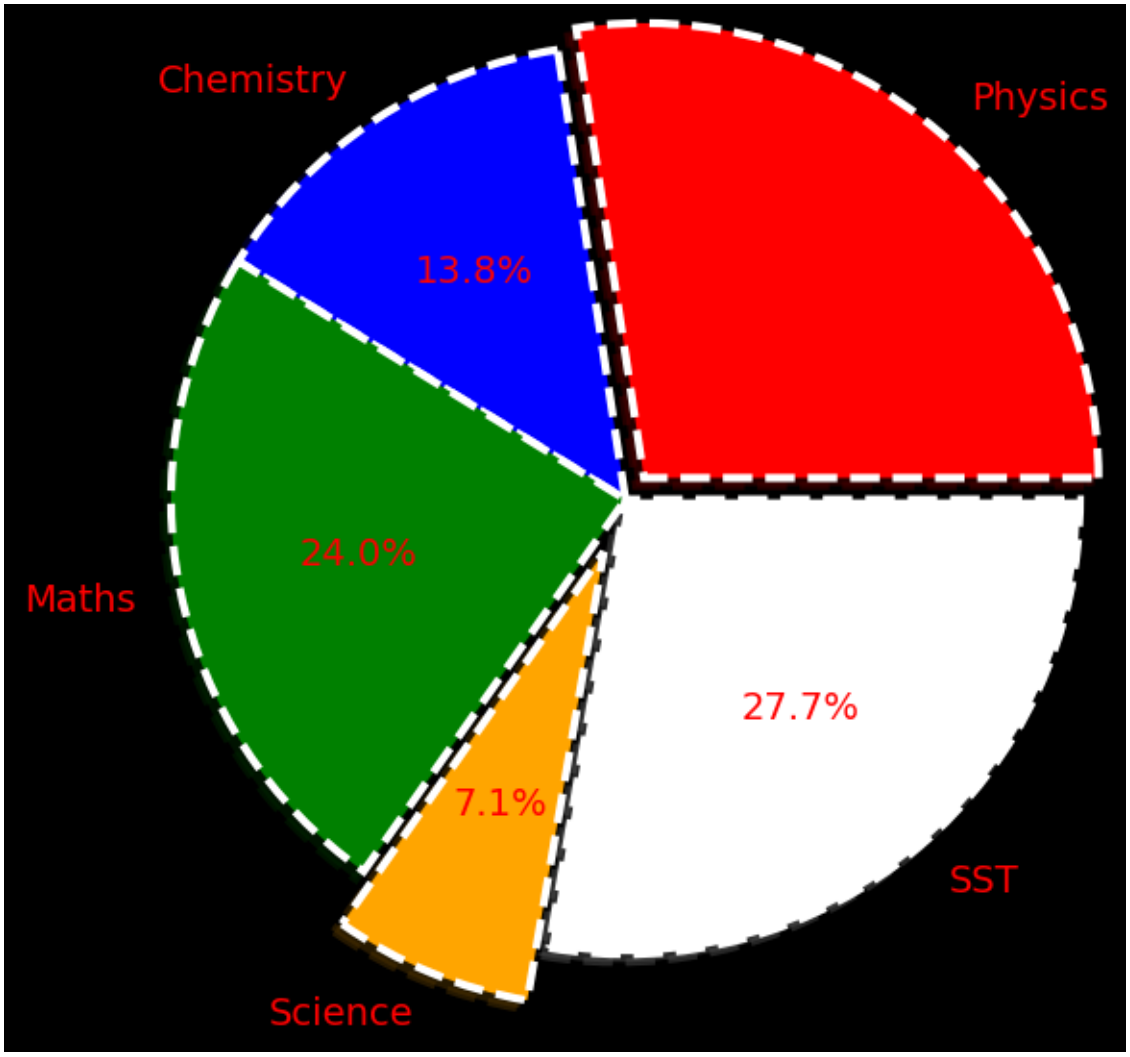
[12]:
```
exploded_values = [0.1,0,0,0.2,0]
plt.pie(marks,labels = clasess,colors = colors,autopct = '%0.1f%%',explode =␣
  ↪exploded_values,shadow = True)
plt.show()
```



[15]:
```
textprops = {'fontsize':14,'color':'r'}
plt.pie(marks,labels = clasess,colors = colors,autopct = '%0.1f%%',explode =␣
  ↪exploded_values,shadow = True,radius = 1.6,textprops = textprops)
plt.show()
```



[17]:
```
textprops = {'fontsize':14,'color':'r'}
wedgeprops = {'linewidth':3,'linestyle':'--','edgecolor':'white'}
plt.pie(marks,labels = clasess,colors = colors,autopct = '%0.1f%%',explode =␣
↪exploded_values,shadow = True,radius = 1.6,textprops = textprops,wedgeprops␣
↪= wedgeprops)
plt.show()
```


Chemistry
Physics
13.8%
24.0%
Maths
27.7%
7.1%
SST
Science

[ ]: