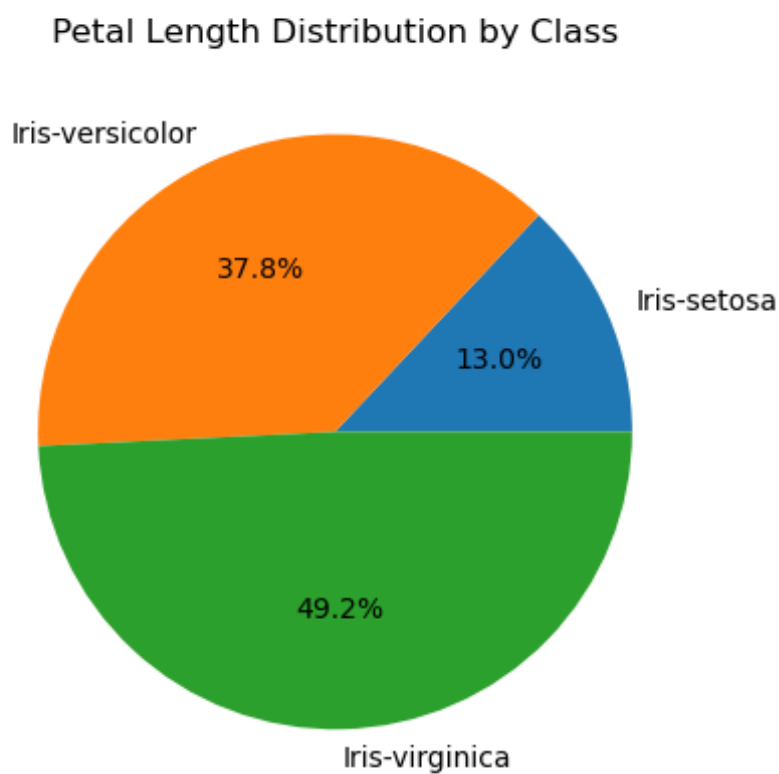


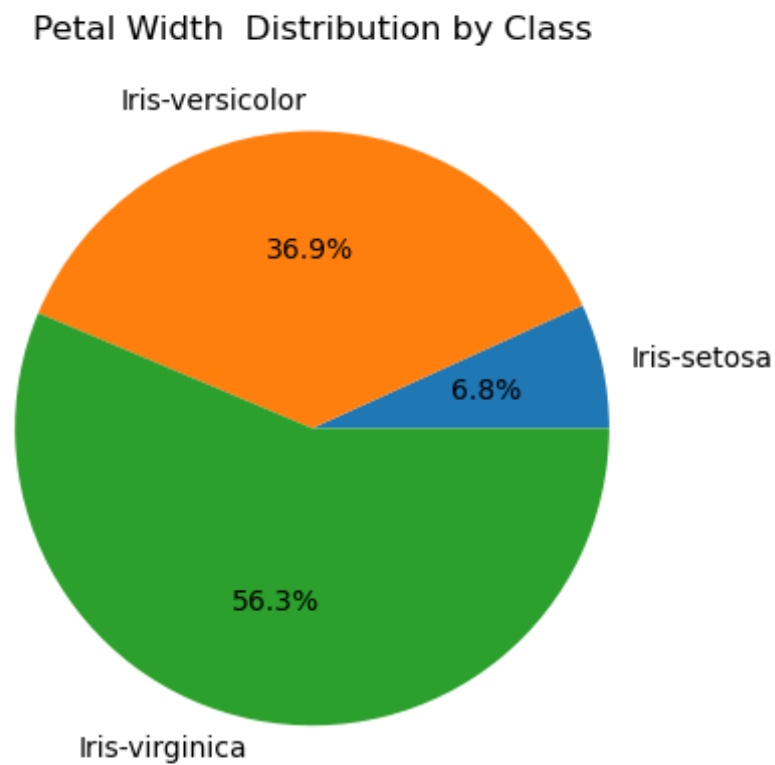
```

import pandas as pd
from matplotlib import pyplot as plt
itmf=pd.read_csv('iris.csv')
#itmf
#print(type(itmf))
#itmf.columns
#itmf.index
aggregated_data = itmf.groupby('class')['petallength'].sum()
# Plot pie chart
plt.pie(aggregated_data, labels=aggregated_data.index, autopct='%1.1f%%')
plt.title('Petal Length Distribution by Class')
plt.show()

```



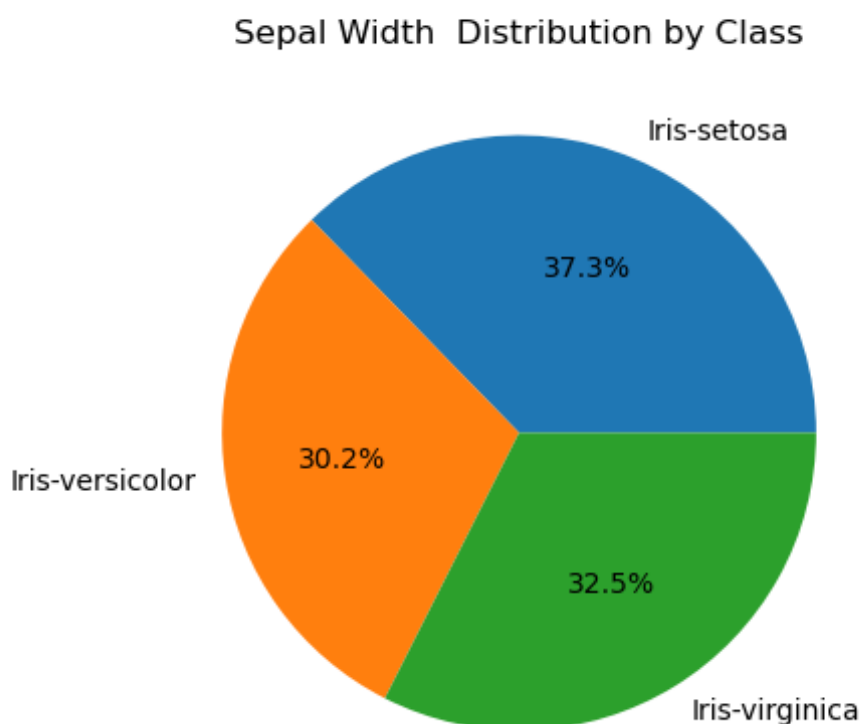
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```



```

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from matplotlib import pyplot as plt
itmf=pd.read_csv('iris.csv')
#itmf
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#itmf.columns
#itmf.index
aggregated_data = itmf.groupby('class')['sepalwidth'].sum()
# Plot pie chart
plt.pie(aggregated_data, labels=aggregated_data.index, autopct='%1.1f%%')
plt.title('Sepal Width Distribution by Class')
plt.show()

```



```

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from matplotlib import pyplot as plt
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