```
import pandas as pd
import numpy as np
import seaborn as sns
import matplotlib.pyplot as plt
```

```
A = pd.read_csv(r'C:\Users\hp\OneDrive\Desktop\forestfires.csv')
A.head()
```
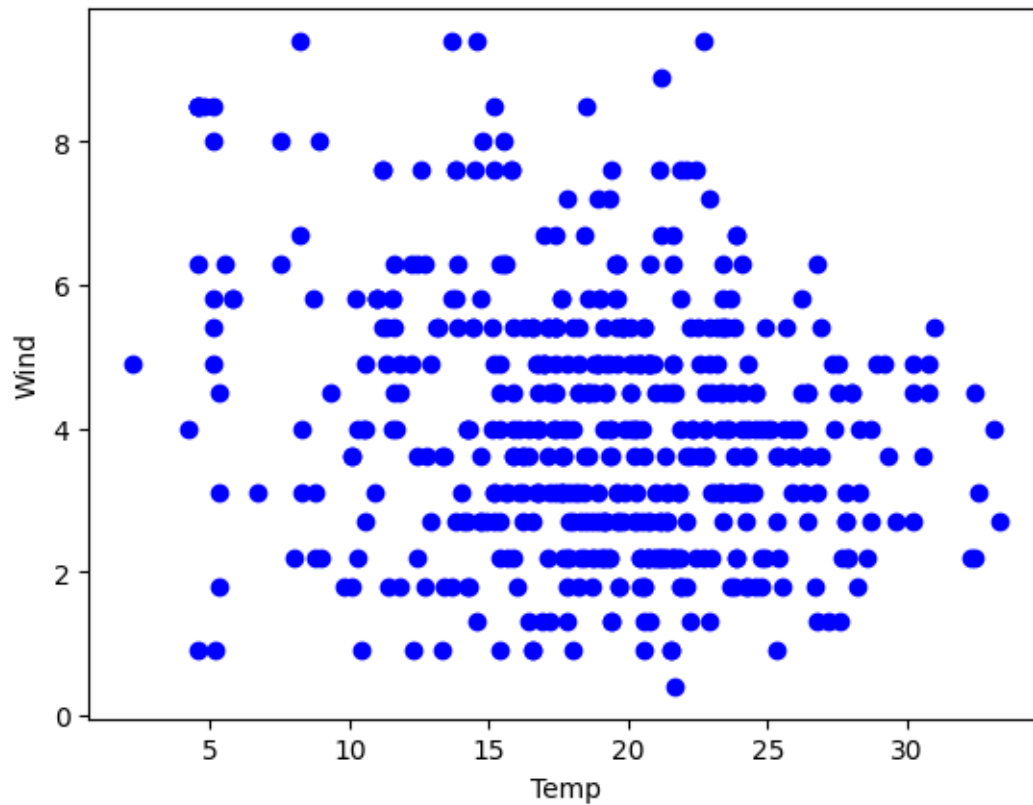
|	X	Y	month	day	FFMC	DMC	DC	ISI	temp	RH	wind	rain	area
0	7	5	mar	fri	86.2	26.2	94.3	5.1	8.2	51	6.7	0.0	0.0
1	7	4	oct	tue	90.6	35.4	669.1	6.7	18.0	33	0.9	0.0	0.0
2	7	4	oct	sat	90.6	43.7	686.9	6.7	14.6	33	1.3	0.0	0.0
3	8	6	mar	fri	91.7	33.3	77.5	9.0	8.3	97	4.0	0.2	0.0
4	8	6	mar	sun	89.3	51.3	102.2	9.6	11.4	99	1.8	0.0	0.0

```
x = A['temp']
y= A['wind']
plt.scatter(x,y,color='blue')
plt.xlabel('Temp')
plt.ylabel('Wind')
plt.show()
```
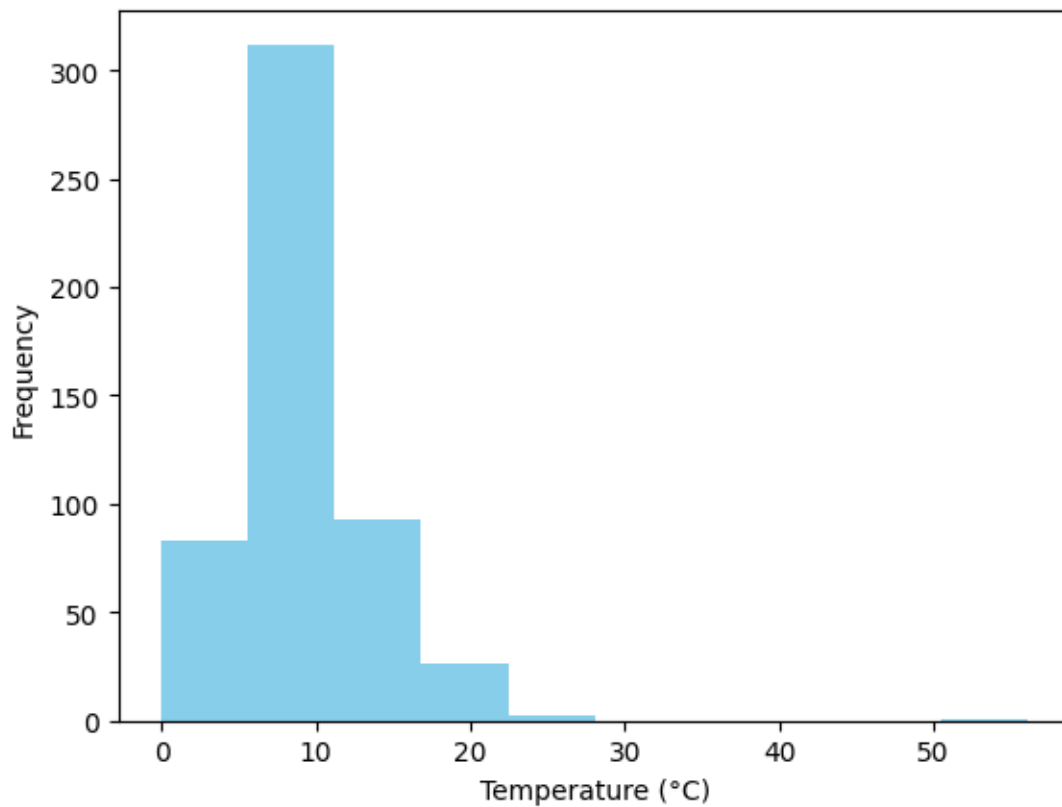
```
day_counts = A['day'].value_counts()
plt.pie(day_counts, labels=day_counts.index, autopct='%1.1f%%', startangle=50,
colors=['red','yellow','blue','green'])
plt.show()
```
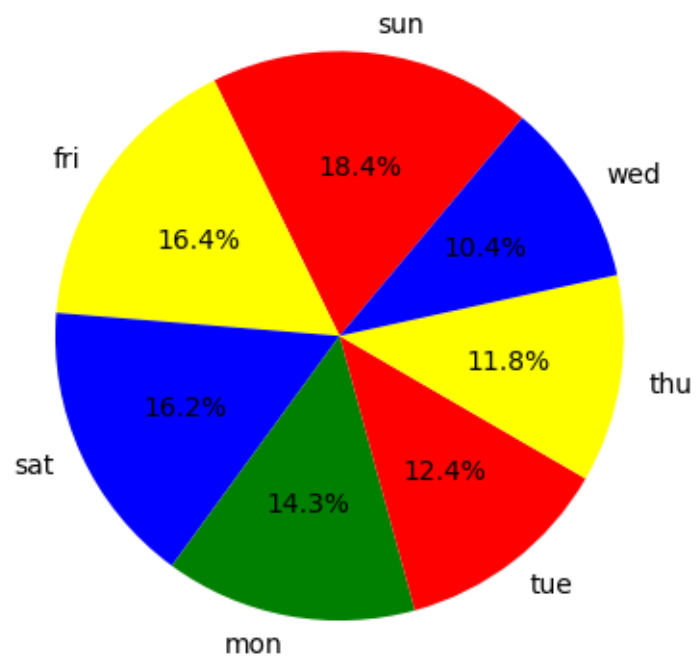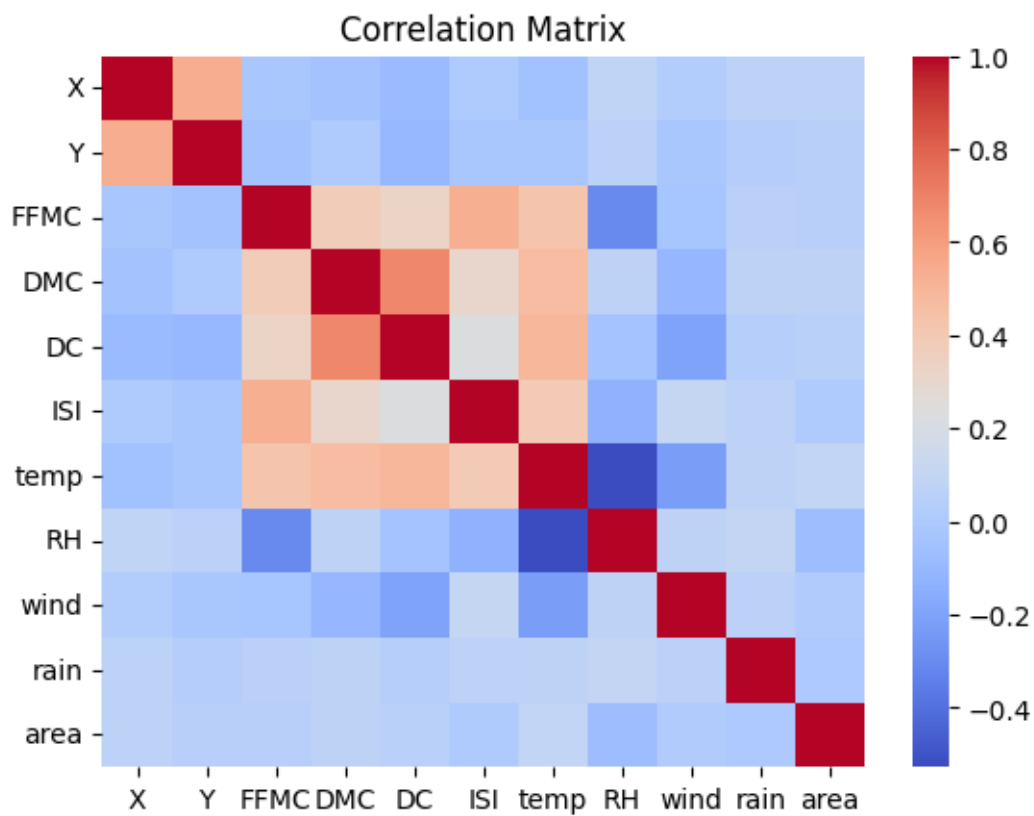
```
plt.hist(A['ISI'],color='skyblue')
plt.xlabel('Temperature (℃)')
plt.ylabel('Frequency')
```

plt.show()

```
sns.heatmap(corr_matrix,cmap='coolwarm')
plt.title('Correlation Matrix')
plt.show()
```



```
sns.countplot(Data, x = 'cp')
plt.show()
```

```
sns.displot(Data['age'], bin = 20)
plt.show()
```