```
import pandas as pd

import matplotlib.pyplot as plt

data = pd.read_excel("C:/Users/Pushpa/Downloads/TG-
NPDCL_consumption_detail_agriculture_OCTOBER-2024.xlsx")

df = pd.DataFrame(data)

grouped_by = df.groupby("month")[load].sum

print(df)

print(grouped_by)


data = pd.read_excel("C:/Users/Pushpa/Downloads/TG-
NPDCL_consumption_detail_agriculture_SEPTEMBER-2024.xlsx")

df = pd.DataFrame(data)

grouped_by = df.groupby("month")[load].sum

print(df)

print(grouped_by)



data = pd.read_excel("C:/Users/Pushpa/Downloads/TG-
NPDCL_consumption_detail_agriculture_AUGUST-2024.xlsx")

df = pd.DataFrame(data)

grouped_by = df.groupby("month")[load].sum

print(df)

print(grouped_by)


data = pd.read_excel("C:/Users/Pushpa/Downloads/TG-
NPDCL_consumption_detail_agriculture_JULY-2024.xlsx")

df = pd.DataFrame(data)

grouped_by = df.groupby("month")[load].sum

print(df)

print(grouped_by)


data = pd.read_excel("C:/Users/Pushpa/Downloads/TG-
NPDCL_consumption_detail_agriculture_JUNE-2024.xlsx")
```

```
df = pd.DataFrame(data)

grouped_by = df.groupby("month")[load].sum

print(df)

print(grouped_by)



data = pd.read_excel("C:/Users/Pushpa/Downloads/TG-
NPDCL_consumption_detail_agriculture_MAY-2024.xlsx")

df = pd.DataFrame(data)

grouped_by = df.groupby("month")[load].sum

print(df)

print(grouped_by)


data = pd.read_excel("C:/Users/Pushpa/Downloads/TG-
NPDCL_consumption_detail_agriculture_APRIL-2024.xlsx")

df = pd.DataFrame(data)

grouped_by = df.groupby("month")[load].sum

print(df)

print(grouped_by)


data = pd.read_excel("C:/Users/Pushpa/Downloads/TG-
NPDCL_consumption_detail_agriculture_MARCH-2024.xlsx")

df = pd.DataFrame(data)

grouped_by = df.groupby("month")[load].sum

print(df)

print(grouped_by)


data = pd.read_excel("C:/Users/Pushpa/Downloads/TG-
NPDCL_consumption_detail_agriculture_FEBRUARY-2024.xlsx")

df = pd.DataFrame(data)

grouped_by = df.groupby("month")[load].sum

print(df)
```

```
print(grouped_by)


data = pd.read_excel("C:/Users/Pushpa/Downloads/TG-
NPDCL_consumption_detail_agriculture_JANUARY-2024.xlsx")

df = pd.DataFrame(data)

grouped_by = df.groupby("month")[load].sum

print(df)

print(grouped_by)


data = pd.read_excel("C:/Users/Pushpa/Downloads/TG-
NPDCL_consumption_detail_agriculture_DECEMBER-2024.xlsx")

df = pd.DataFrame(data)

grouped_by = df.groupby("month")[load].sum

print(df)

print(grouped_by)



data = pd.read_excel("C:/Users/Pushpa/Downloads/TG-
NPDCL_consumption_detail_agriculture_NOVEMBER-2024.xlsx")

df = pd.DataFrame(data)

grouped_by = df.groupby("month")[load].sum

print(df)

print(grouped_by)

import pandas as pd

import matplotlib.pyplot as plt

x =
("November","December","January","February","March","April","May","June","July","August","Sept
ember","October")

y = (31.4,28.4,28.6,32.9,36.7,40.3,38.9,35.9,33.4,31.1,32.7,31.7)

plt.xlabel("Months", fontsize = 17)

plt.ylabel("Temperature",fontsize = 17)

plt.title("Month wise temperature of Telangana", fontsize = 20)

plt.plot(x,y)
```

```
plt.show()
```