

```

import numpy as np
import pandas as pd
import matplotlib.pyplot as plt

arr1 = np.array ([22.7, 29.3, 24.1, 27.5, 21.8, 26.2, 20.9])
print(arr1)

data = {
    'Temperaturas': [22.7, 29.3, 24.1, 27.5, 21.8, 26.2, 20.9]
}

df = pd.DataFrame(data)
print(df)

media_temp = df['Temperaturas'].mean()
print(f'A média das temperaturas é: {media_temp}')

x = ['Segunda', 'Terça', 'Quarta', 'Quinta', 'Sexta', 'Sabado',
y = [22.7, 29.3, 24.1, 27.5, 21.8, 26.2, 20.9]
plt.plot(x, y, label="Temperaturas Médias")
plt.xlabel('Dias da Semana')
plt.ylabel('Celsius')
plt.title('Temperatura')
plt.legend()
plt.show()

```



```
[22.7 29.3 24.1 27.5 21.8 26.2 20.9]
```

```
Temperaturas
```

```

0          22.7
1          29.3
2          24.1
3          27.5
4          21.8
5          26.2
6          20.9

```

```
A média das temperaturas é: 24.642857142857142
```

Temperatura



