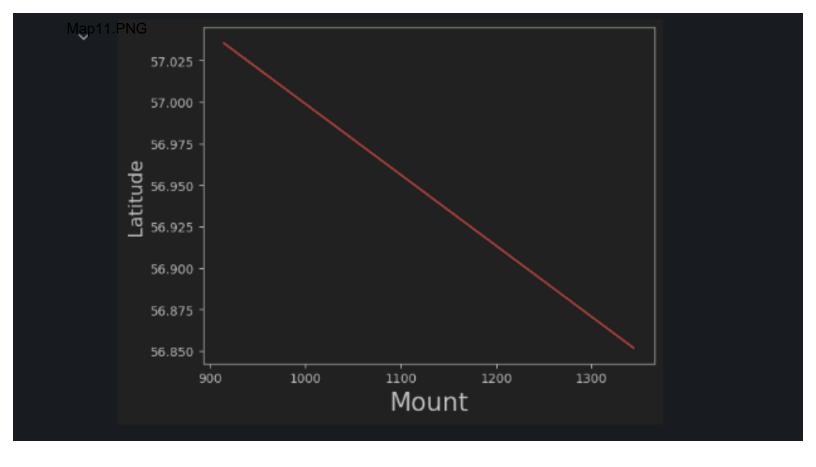
Folder: Jupytor.pdf

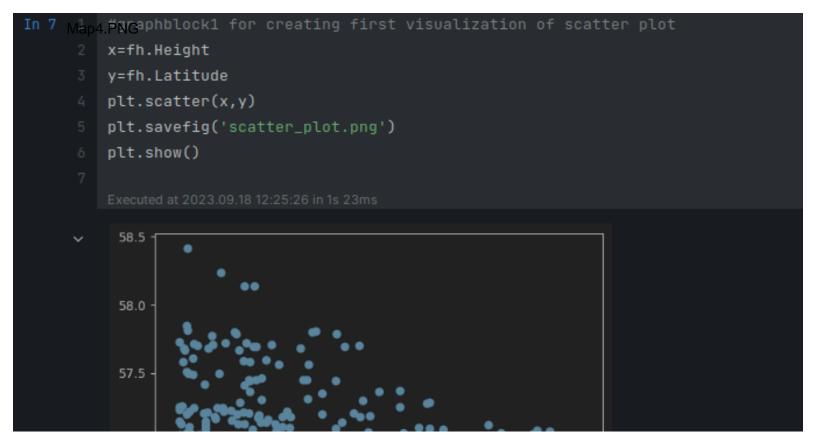
```
1 import PNG
2 import matplotlib.pyplot as plt
3 from scipy.stats import linregress
4
```

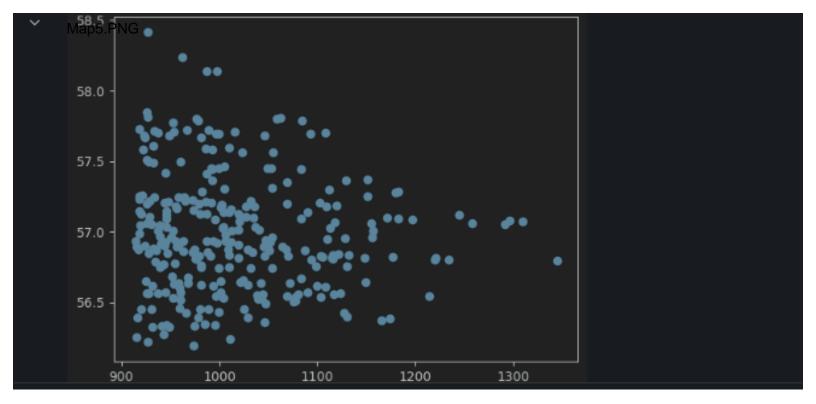
Executed at 2023.09.18 12:20:04 in 36ms

```
Map10.PNG
In 10 1 #plot the graph by adding labels to it
2 ss=linregress(x,y)
3 m= ss.slope
4 b= ss.intercept
5 plt.xlabel('Mount', fontsize=20)
6 plt.ylabel('Latitude', fontsize=15)
7 plt.plot(x, m*x + b, color='red')
8 plt.show()
9
Executed at 2023.09.18 12:30:20 in 872ms
```

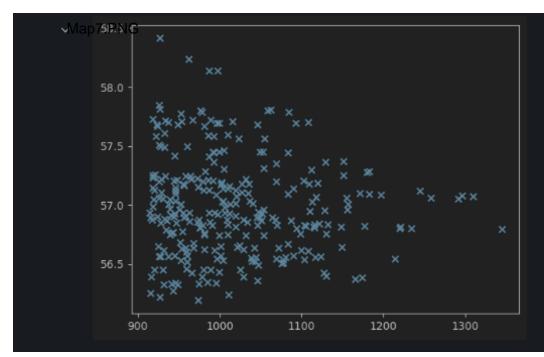


```
In 4 | sfh=fh.sort_values(by=['Height'], ascending=False) | Map3.PNG |
| print(sfh.head(5)) |
| Executed at 2023.09.18 12:18:00 in 49ms |
| Wasservalues | Wasservalues |
| Executed at 2023.09.18 12:18:00 in 49ms |
| Wasservalues | Wasservalues |
| Executed at 2023.09.18 12:18:00 in 49ms |
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| Wasservalues | Wasservalues |
| Secuted at 2023.09.18 12:18:00 in 49ms |
| Wasservalues |
```





```
In 8 1 #graphblock2 Updating graph with a different marker sign
Map6.PNG
2 plt.scatter(x,y, marker='x')
3 plt.savefig('scatter_plot.png')
4 plt.show()
5
Executed at 2023.09.18 12:28:41 in 728ms
```



```
In 9 Map8.PNG #graphblock3 add a red colored line to my graph
2    ss=linregress(x,y)
3    m= ss.slope
4    b= ss.intercept
5    plt.plot(x, m*x + b, color='red')
6    plt.show()
7
    Executed at 2023.09.18 12:29:35 in 553ms
```

1100

1200

1300

900

1000