

Bio-Sensing Data Dashboard

Team Jazz Frogs



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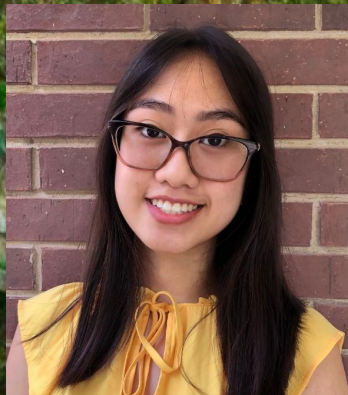
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Online Dashboard for Environmental Data Visualization

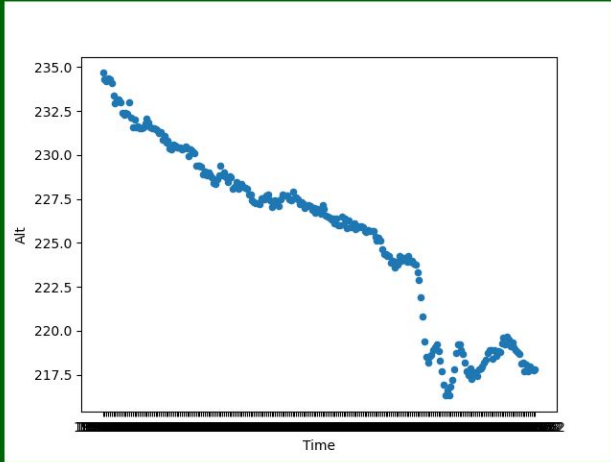
Project Goal:

- Create an online Dashboard to view the Data collected by Environmental Sensors deployed in the Balcones Canyonlands Preserve in Austin, TX



Final Dashboard

Home Graphs Listen



Team members including Mentor and Co-Mentor:

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

```
s = pd.read_csv(r'C:\Users\schwe\Hackathon\Bunty-20221012.csv', usecols = ['Time', 'Temp', 'Hum'])
data2 = pd.read_csv(r'C:\Users\schwe\Hackathon\bunty-20221013.csv', usecols = ['Time', 'Temp', 'Hum'])
```

```
ax = s.plot(x = 'Time', y = 'Temp', kind = 'scatter')
plt.savefig('my_plot4.png')
bx = s.plot(x = 'Time', y = 'Hum', kind = 'scatter')
plt.savefig('my_plot3.png')
cx = s.plot(x = 'Time', y = 'Press', kind = 'scatter')
plt.savefig('my_plot2.png')
dx = s.plot(x = 'Time', y = 'Alt', kind = 'scatter')
plt.savefig('my_plot1.png')
#plottingTemp(data2)
```