# Meeting #4

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### **Deliverables**

- Epoch detection function
- Apply changePeaks\_epochDetect() to data
- Plot biometric data over time
- Overlay epoch borders
- (Optional) Epoch\_detection method

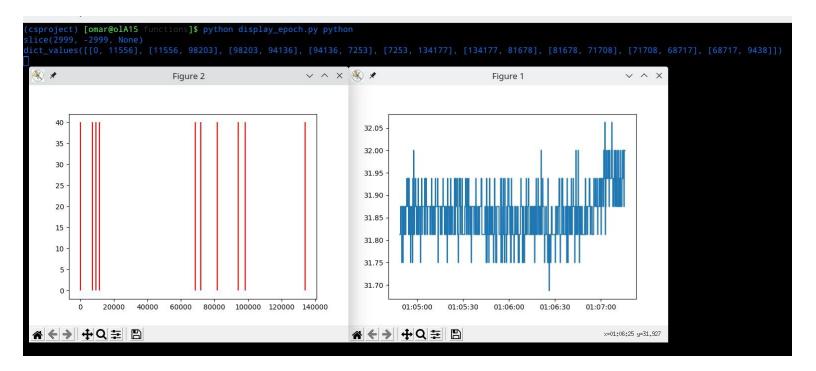
## Methodology and Learnings

- Epoch detection
  - used previous deliverable to get data
    - Plotted data vs only "time" data I could implement
  - Used changePeaks\_epochDetec
    - Retrieved 9 keys
    - Tuples of data marking assumed boundaries
    - Used the tuples as points to plot epoch borders

#### Learning

- Python dictionaries
- Anaconda

## Results



```
display_epoch.py
  import changePeaks epochDetection as epochdetect
   import pandas as pds
   import numpy as npy
  Y = dd.returnData('temp')
   time = [day t.datetime.now() + day t.timedelta(milliseconds=i) for i in range(146884)]
print(epoch dict.values())
   xepoch points = []
      xepoch points.append(myL[i][1])
   for i in range(len(xepoch points)):
```