## Madhav Mehta Presentation 10/02/2020

## Progress

- ECG Detection
  - Live implementation
  - HRV calculation (SDNN, SDSD, RMSSD)

## Demo

```
'sdsd': 19.578240385654844,
  sdnn': 19.206442326590965,
{'sdnn': 19.206442326590963. 'sdsd': 19.578240385654844. 'rmssd': 19.652929348603212}
{'sdnn': 19.206442326590963. 'sdsd': 19.578240385654844. 'rmssd': 19.652929348603212}
{'sdnn': 19.206442326590963, 'sdsd': 19.578240385654844, 'rmssd': 19.652929348603212}
{'sdnn': 19.206442326590963. 'sdsd': 19.578240385654844. 'rmssd': 19.652929348603212}
{'sdnn': 19.206442326590963, 'sdsd': 19.57824038\654844, 'rmssd': 19.652929348603212}
Pulse
3025.531982421875
{'sdnn': 23.803763806832315, 'sdsd': 19.342527453622857, 'rmssd': 19.557996144473794}
```

## Next week...

- Bokeh
  - Live HRV Visualization
- Assist teammates