https://jackschaedler.github.io/circles-sines-signals/

Analyzing a Discrete Heart Rate Signal Using Python – Part 1 : http://www.paulvangent.com/2016/03/15/analyzing-a-discrete-heart-rate-signal-using-python-part-1/

Breath-to-Breath Interval: http://ieeexplore.ieee.org/document/7017413/

https://losc.ligo.org/s/events/GW150914/LOSC_Event_tutorial_GW150914.html

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http://thew-project.org/Publications/GC_conference_2015.pdf

http://entrepreneur.nyu.edu/data-visualization-ecg/

https://www.cs.duke.edu/courses/spring03/cps296.8/papers/MoorheadZanSignalProcessingOfSciVis.htm

Signal Processing

- Sound Analysis with the Fourier Transform. A set of IPython Notebooks by Caleb Madrigal to explain what the Fourier Transform is and how to use it for basic audio processing applications.
- An introduction to Compressed Sensing, part of Python for Signal Processing: an entire book (and blog) on the subject by Jose Unpingco. `ádasd`
- Kalman and Bayesian Filters in Python. A textbook and accompanying filtering library on the topic of Kalman filtering and other related Bayesian filtering techniques.
- Classify human movements using Dynamic Time Warping & K Nearest Neighbors: Signals from a smart phone gyroscope and accelerometer are used to classify if the person is running, walking, sitting standing etc. This IPython notebook contains a python implementation of DTW and KNN algorithms along with explanations and a practical application.
- Digital Signal Processing A collection of notebooks that accompanies a masters course on the topic.
- Biopython is a set of libraries to provide the ability to deal with “things” of interest to biologists working on the computer. http://biopython.org/DIST/docs/tutorial/Tutorial.html

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https://www.mikroe.com/blog/ecg-click-mikroplot-complete-solution-human-heart-data-analysis

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https://www.physionet.org/physiotools/software-index.shtml#gpdv

http://wiki.cvrgrid.org/index.php/ECGrid_Toolkit_User_Guide

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