Resources Used:

1. Power Spectral Densit: https://www.mathworks.com/help/signal/ug/power-spectral-density-estimates-using-fft.html
2. Studied IIR Filter from: https://www.youtube.com/channel/UCfFq8r---cp2IBwoGcWWsvw
3. Resources for FIR filter Design Order: https://dsp.stackexchange.com/questions/31066/how-many-taps-does-an-fir-filter-need
4. Chirp Signal and what it is: https://www.gaussianwaves.com/2014/07/chirp-signal-frequency-sweeping-fft-and-power-spectral-density/