Executive summary

* Pattern detection in sequential data
* Finding aliens
* Applying pattern detection to massive datasets
  + And achieving near human accuracy if not better
* Detecting any sort of 'event' in time series data

* What is your goal?
  + Develop a neural network that can detect planets in other solar systems by pattern detection in light data
* Where did you get your data?
  + NASA
    - Wget requests from their API
    - Extracting relevant info from the 250gigs I downloaded
* What are your metrics?
  + Accuracy
  + False positive rate
  + False negative rate
* What were your findings?
* What risks/limitations/assumptions affect these findings?
  + The input data heavily effects the training of the network
  + How many planets?