**Meeting Questions:**

* Model training - ask to screen share maybe?
* How long do you estimate the model will take to train (running out of time in the project and need to start training asap)
* How to get real-time detection - by running the model on the pi?
* What benefit are the found datasets?
  + Can you explain why we need 4000 images of our own and 6000 found (roughly)

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Jerome’s Question about Model training- How to train the model by using a virtual machine (Need recorded)

**Meeting Notes:**

* Creating a pattern, training an initial model
* Tuning model based on real data
* Transfer learning
* Sending video when don't see the helmet on person
* Inference, association with bounding boxes
* Shapelink- Shapely
* Connect to inviol API
* Use inviol model for transfer learning
* A day to train
* Sudo label, tag with the existing model
* Run inference over the camera
* Get started on inference code
* Look at overlapping objects
* Make API call - to dev
* Exception logic, when no overlapping items - create an event (e.g. no helmet being worn)
* Numpy arrays

