AI Phase 3

Joel – 4 Categories – types of vehicles; 250 images each; Overfitting was easy

Can’t get above 45% accuracy.

Baseline is 25%

Needs many more images

Could build into a binary classification

Maybe try to go to grayscale right away – color does not add to the classification problem

Make Conv filters smallest to highest in powers of 2

Get rid of one dense layer

Need to have figures better sized

Monica

Used various layers / filter sizes. Overfitting

Data Augmentation helped the problem

Accuracy was low without DA. So, it did help

55% with validation was her best

Could she take longer data clips to better recognize data

Needs to show model

Will -

Paragraphs in English and Spanish.

Dictionary index is input into Conv layers

Problems: 89 % accuracy, but wants higher

Binary classification now

Overfitting in just one epoch

Too big of a model, Conv layers need to be more

Need to show model differently. Model.show() might be the trick