SPRINT 4

Train The Model On IBM

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Once a Data Set has been prepared, it can be used to train your deep-learning Model. Once trained, the Models can be deployed for use.
Trained Models can be accessed from within an Inspection or directly from the Models tab. Data Set preparation includes:
• Adding labels to images (to train Object Detection Models)OR
• Adding categories to images (to train Classification Models).
Once this is completed, the Train Model option is selected to commence training on the IBM Maximo Visual Inspection server.

To Train a Model:

1. Specify a Model Name.
2. In the section Train Model Using, specify the appropriate Model Type, depending on whether you added labels (Object Detection) or categories (Classification) to the images. Even if an image has both labels and categories specified, it will train basedon the type selected in this field. If the selected Model Type supports CoreML (Image Classification with GoogLeNet,Object Detection with Tiny Yolo v2 or Yolo v3) then the trained Model will be available for download on the device for on-device inferencing.
3. Click on Advanced Settings to tweak the model training hyper-parameters, including the iteration count. The default value for all the parameters are pre-selected, based onthe Support CoreML model used. 4. Click Done after specifying all the parameters