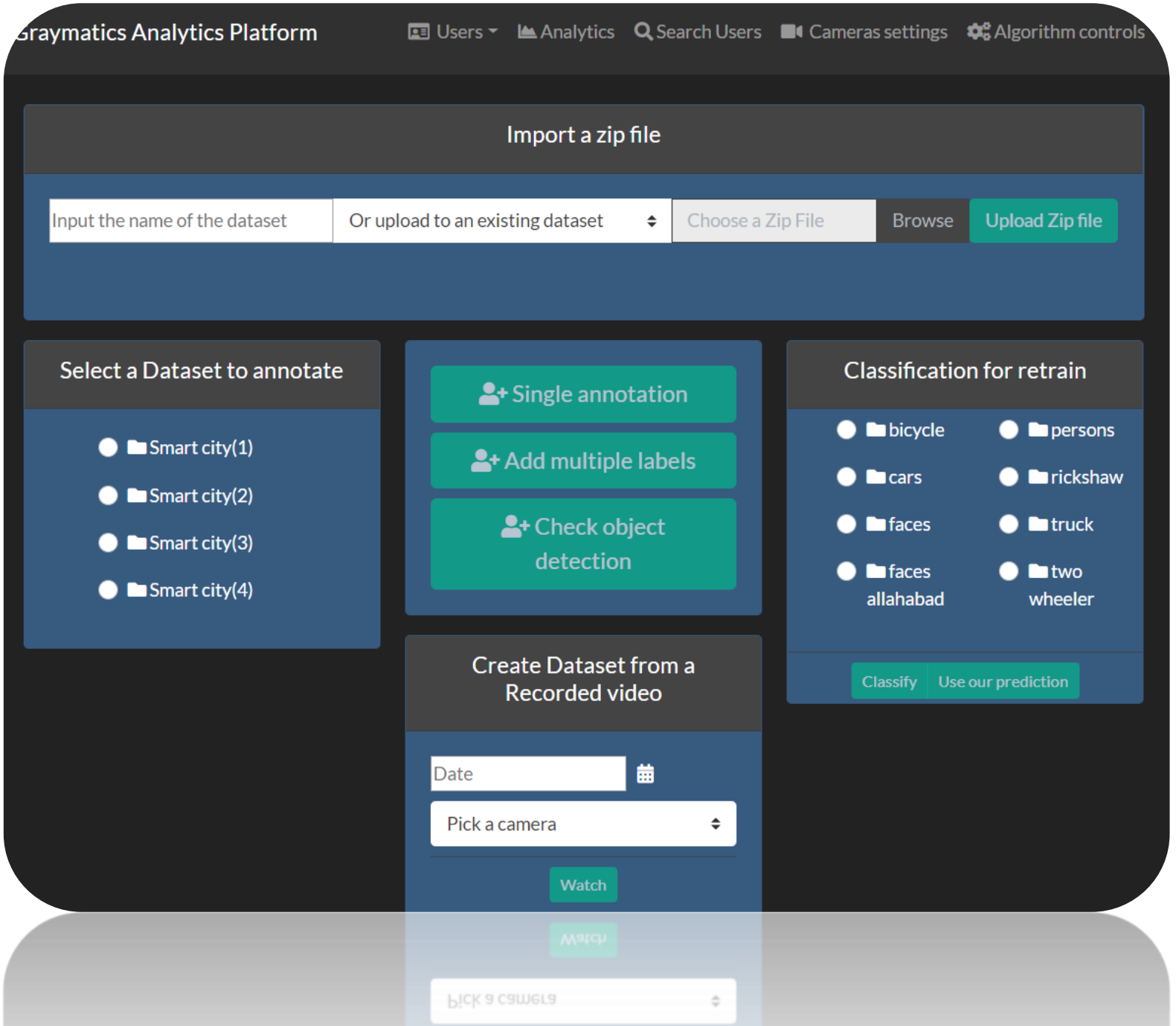
G-SATE: Self Assembly Training Engine

By Graymatics

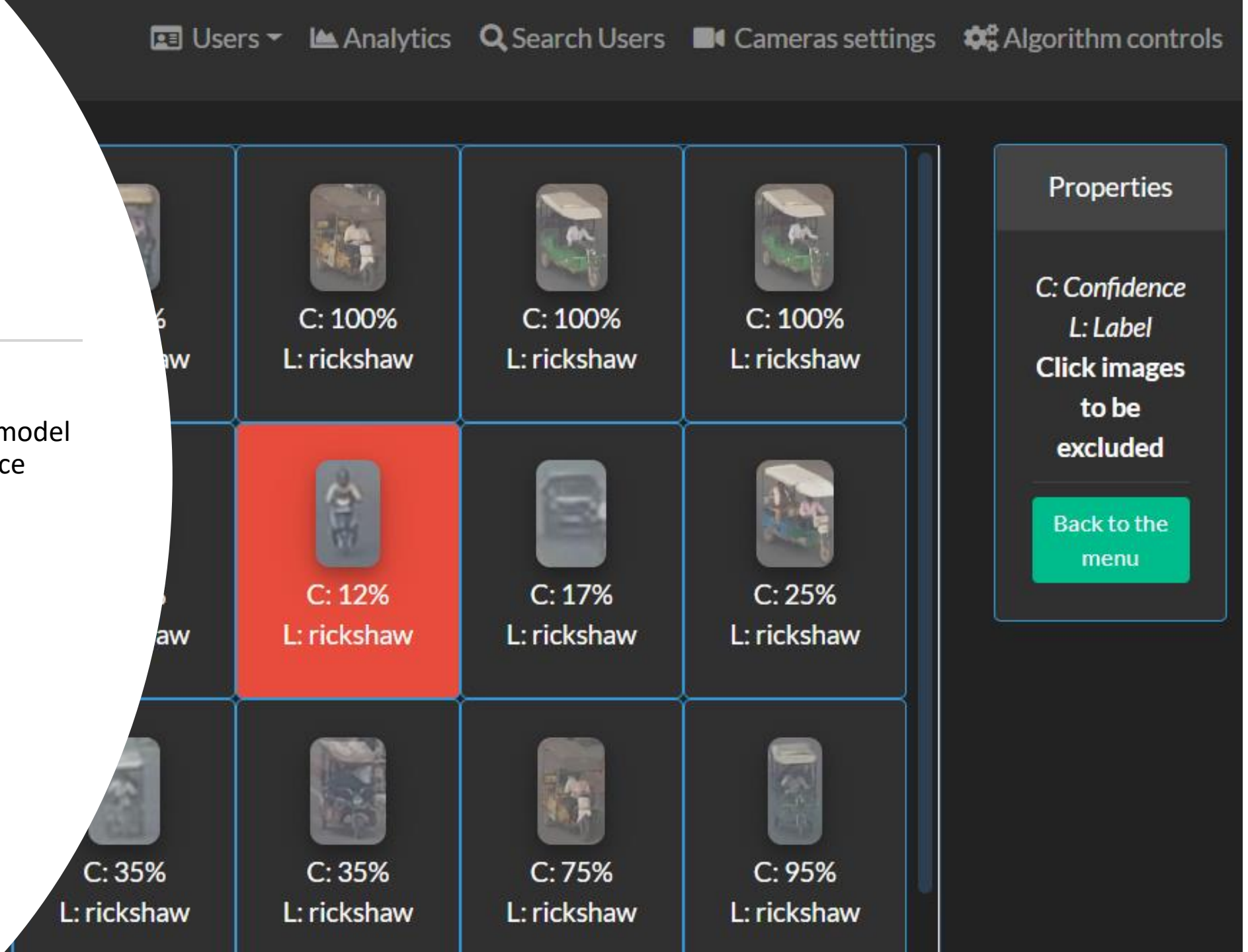
Load images

- Upload different types of datasets in order to be annotated.
- This contains an option to select certain periods of time to get the images of CCTV and create own datasets.
- Select different classification sets determined from our algorithms and by a single click classify them on their current label.



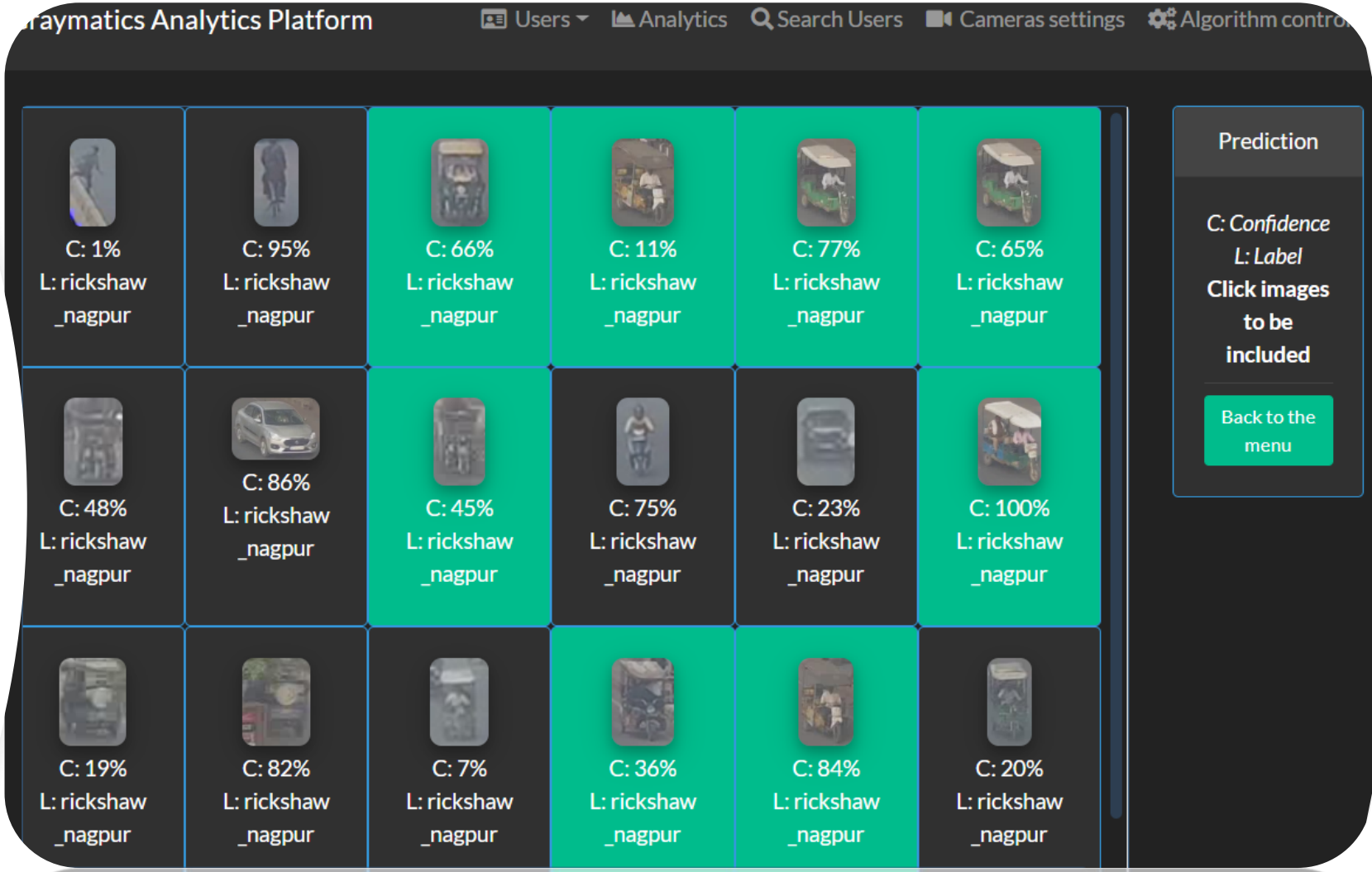
Classify images

- By single click choose if it correspond to the label by the model and check the level of confidence defined.



Use Graymatics model prediction.

- Check if the prediction from our model is correct by single click.
- This model check the image and show a result with it current confidence level.



List of areas

- rikshaw
- rikshaw
- rikshaw
- rikshaw

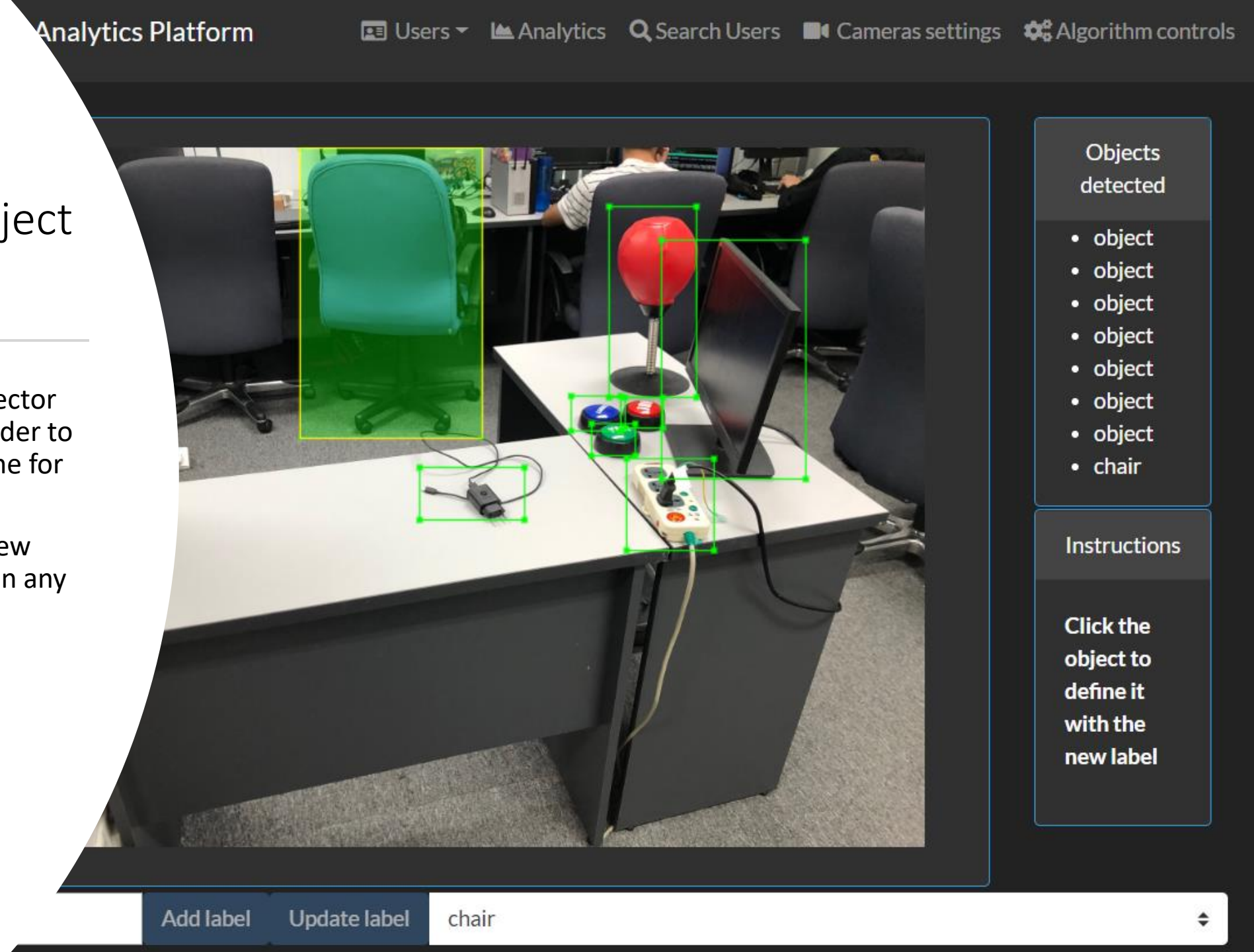
Annotate Dataset

Select where the object is to improve the performance of detection.

Previous | Clear Annotation | Back to folders | Next

Use our generic object detector

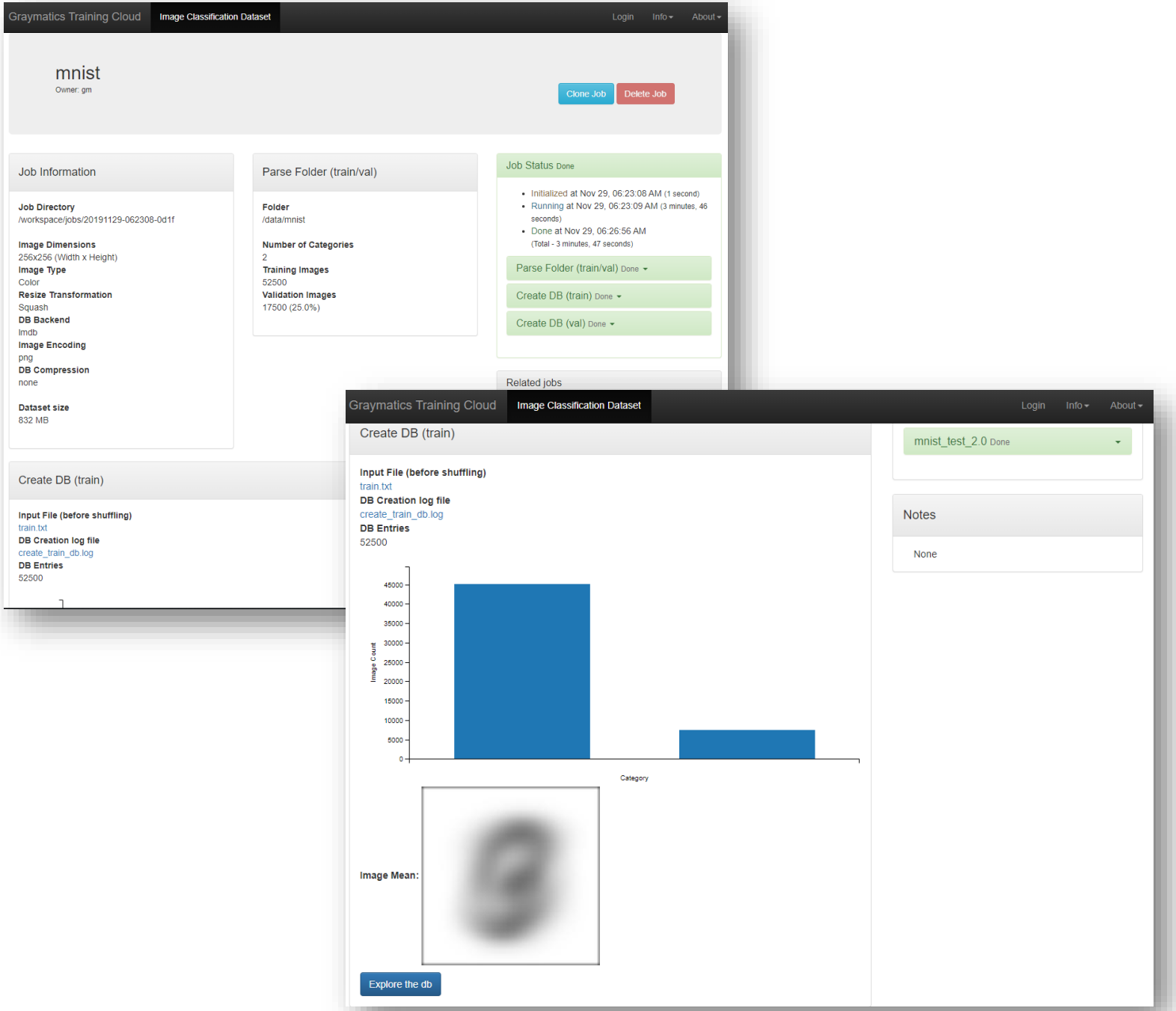
- With our generic object detector we can define the objects in order to train a new model with less time for annotations.
- This can be applied to any new object that we want to detect in any of our previous datasets.



Load a Dataset

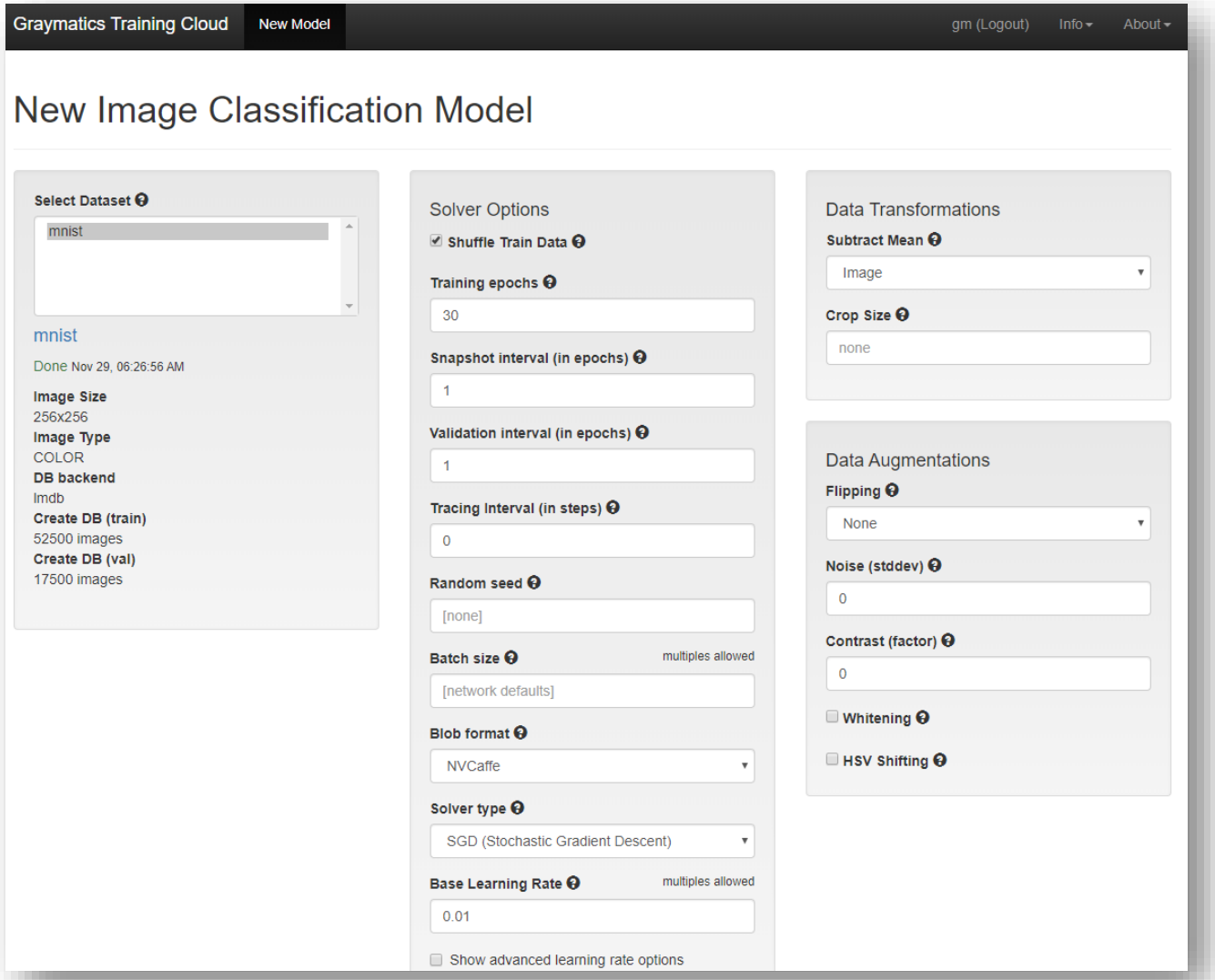
- With our annotation system, the data obtained from CCTV's can be used to train a new Model.

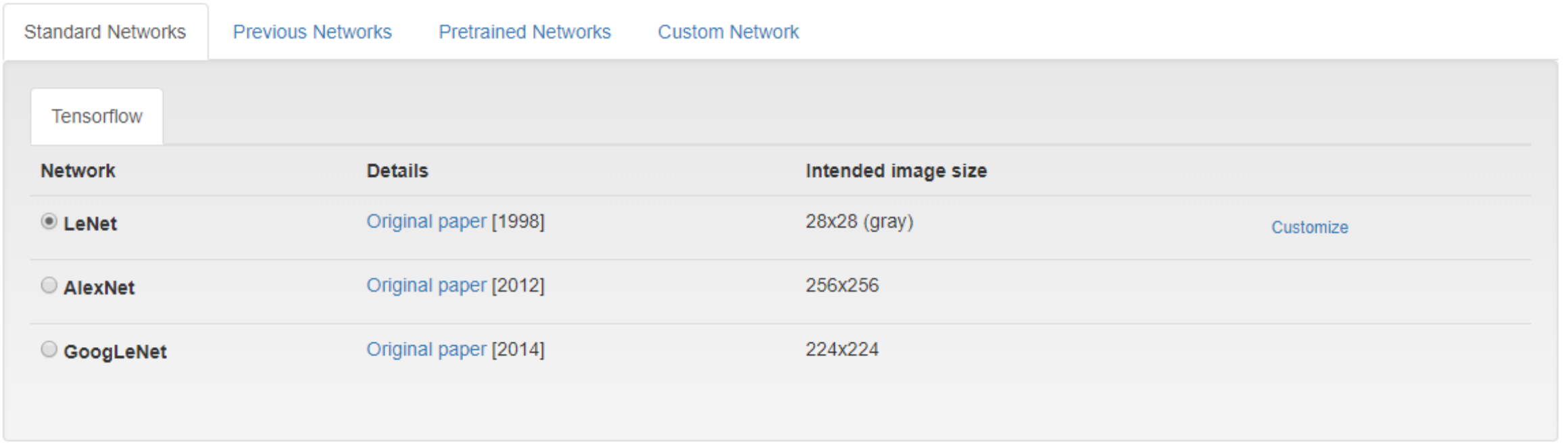
- Here it is being configured in order to be read after by the pre-trained model.



Train a model

After the Dataset has being loaded, we can start defining parameters of our model to be trained.



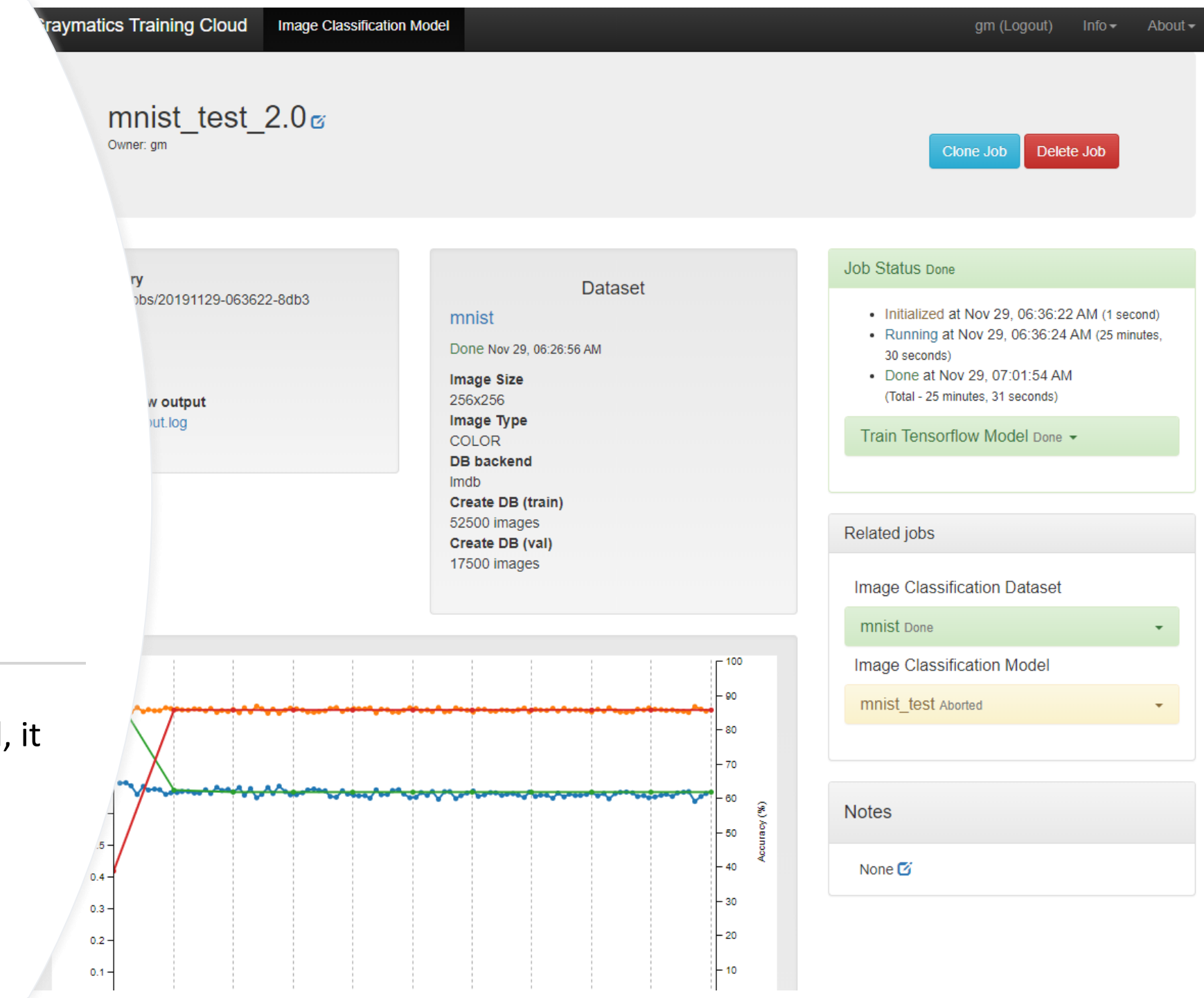


Train a model

Then it can be chosen the specific network for this model.

Training process

While the model is being trained, it will show the curves od learning and how the model evolves.



Finished model

From here we can export the model in order to be used.