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City of Dallas Street View Dataset



Pothole



Fire Hydrant

Goals:

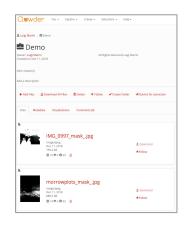
- Support management of dataset
 - images and labels
- Support creation and execution of models using Deep Learning
- Manual and automatic labeling of images



Clowder <-> Tensorflow

- Simplify training models from data and metadata in Clowder
- Run created models as extractors to label new data

Load Data







All images in dataset

- -Download from API -Or read from shared filesystem

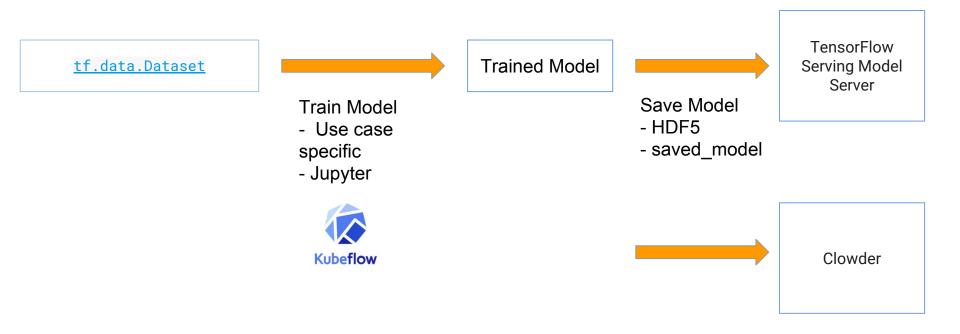
Metadata from each file

tf.data.Dataset

- Load images as numpy arrays
- Make them smaller
- Use metadata to create labels



Train Model



Execute Model As Extractor

