

Changes from the original tutorial

- Use of pretrained model for more faster and meaningful training process
- Separation of models per class allowing for the incorporation of stratification thus further reducing the effects of class imbalance
- Add class weights to individual training cycles
- Added callbacks to training for the selection of the best version of the model
- Utilization of voting model to emulate a somewhat bloated yet slightly more robust model
- Usage of TPUs for increase in training speed
- Creation and deployment of a minimal webapp for prediction on user provided images