

Different ways to read image datasets in Tensorflow

I should add the phrase "for people who only dealt with tabular data till now" . Let's say You're given a bunch of This guide is born out of my personal frustration and desperate attempts to make sense of image datasets usually when handling datasets in Kaggle competitions. However the usecases are broad enough to be applied outside of Kaggle as well.

It is not straight forward to manipulate `image datasets` unlike that of tabular datasets where we can simply call the handy dandy `pandas` library to do the dirty work. Some notable problems with image datasets include:

1. they are unstructured data and hence they converting them in csv to ingest using `pandas` doesn't make much sense
2. they need to be explicitly manipulated unlike