



Introduction

With machine learning, can we determine if a landscape photograph is capable of winning a photography contest.

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Data Collection

All images came from the website called ViewBug

- They have monthly contests
- The show winners from each contest
- Website throttles downloading images after first 2000 photos
- EDA included removing errant photos and photos that would not resize





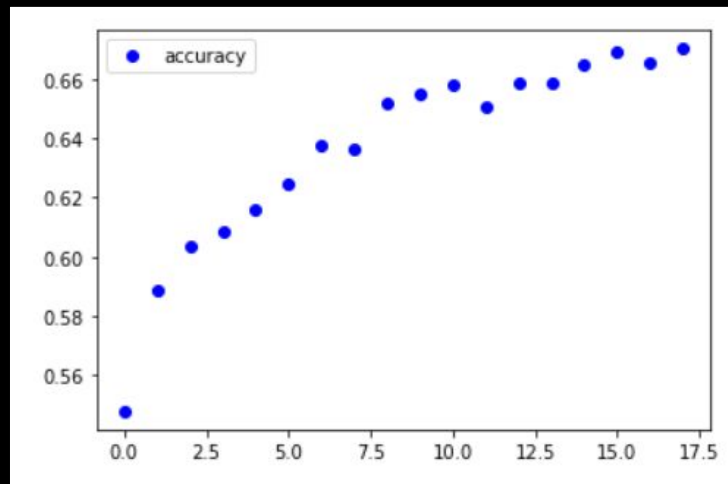
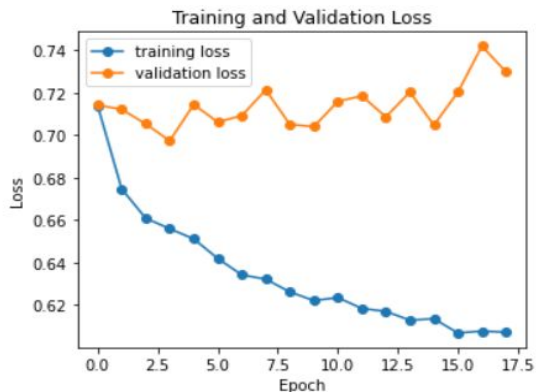
Data Description

Data has been separated into 2 classes,

- **Award Winning 4100**
- **Not Award Winning 5200**

They were further separated into a training set and a 25% validation set to run through the CNN network.

Modelling



CNN Modelling

- Adam Optimizer
- Resized images to 256x256 Pixels
- Pretrained Data using VGG16
- 20 Epochs





Plan of Action / Conclusion

- Find a better set of non award winning photos.
- Compare Apples to Oranges

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