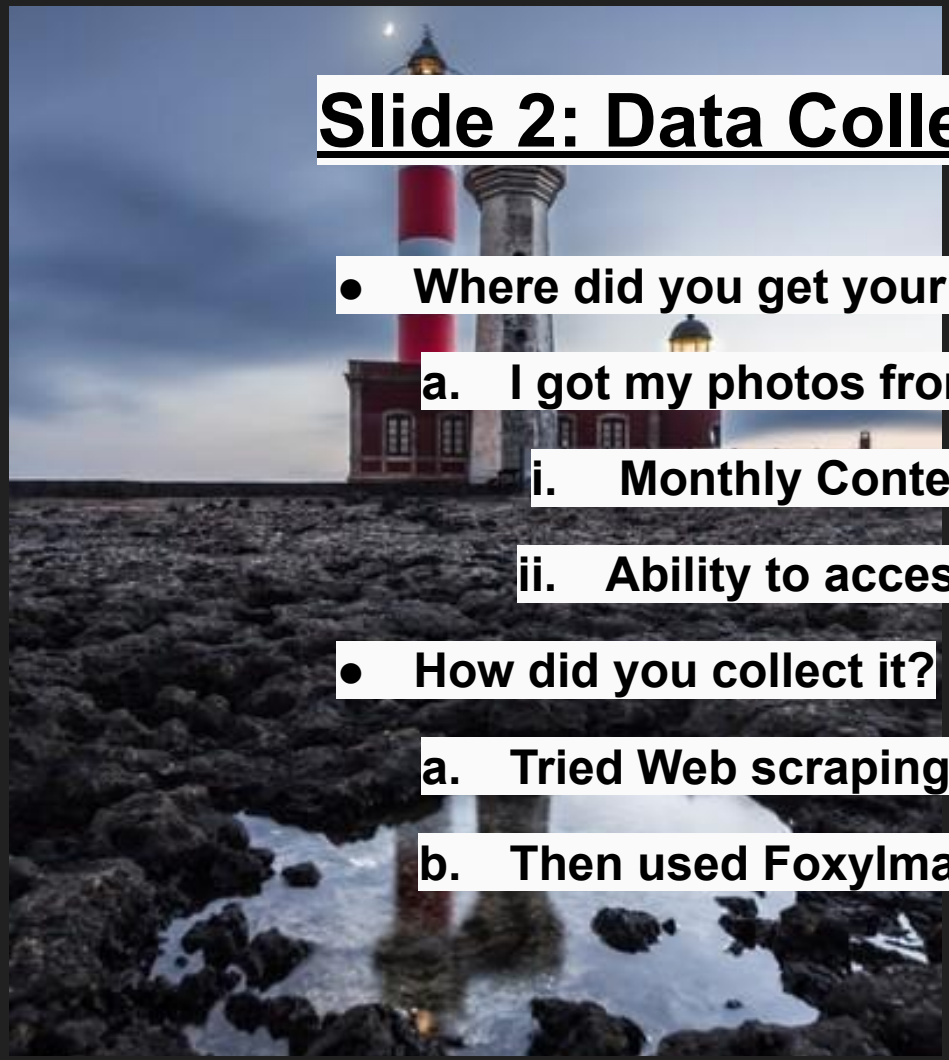
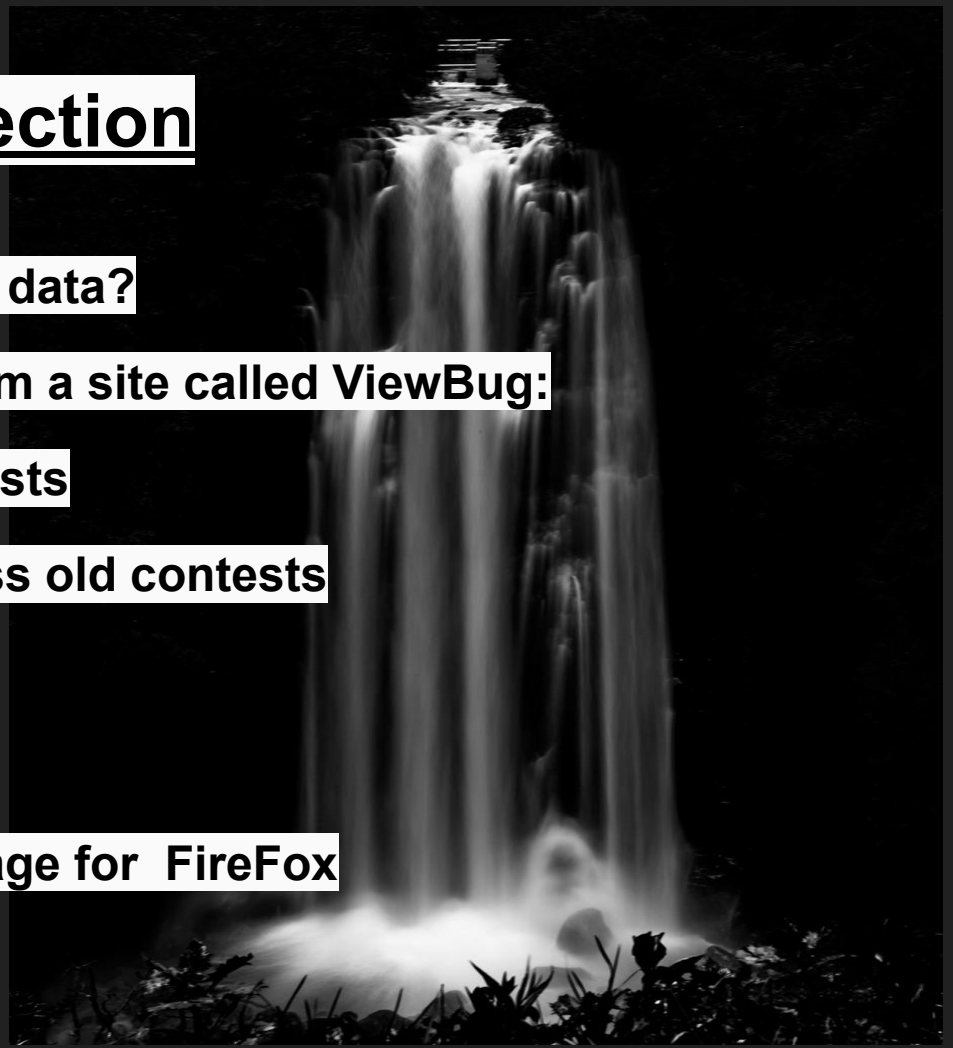
Introduction

- With Machine Learning, can we determine if a photo is capable of winning a photography contest?

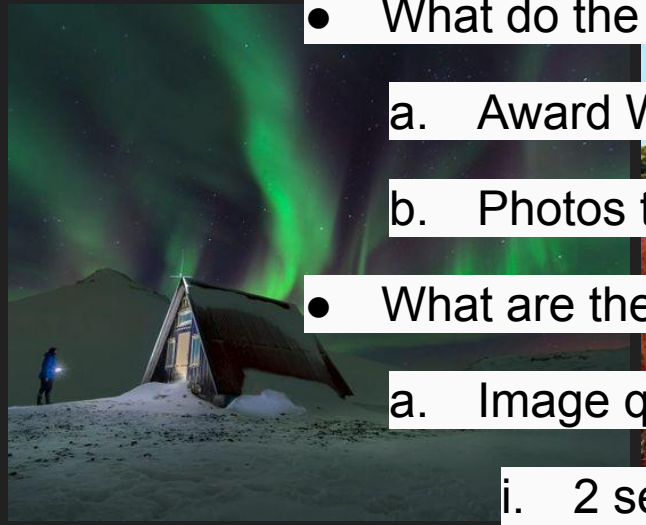


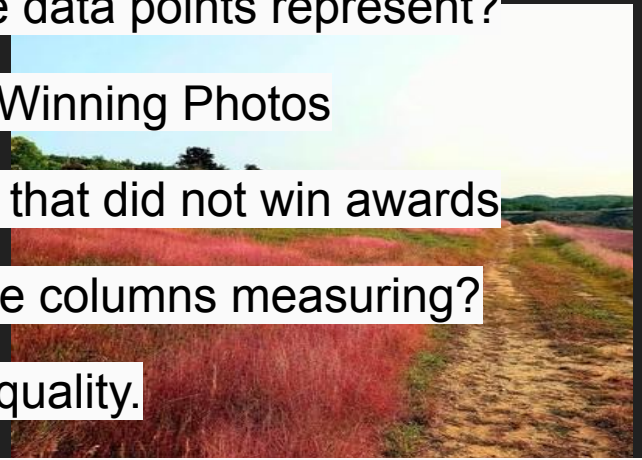


Slide 2: Data Collection

- Where did you get your data?
  - a. I got my photos from a site called ViewBug:
    - i. Monthly Contests
    - ii. Ability to access old contests
- How did you collect it?
  - a. Tried Web scraping
  - b. Then used FoxyImage for FireFox

Data Description





- What do the data points represent?
  a. Award Winning Photos
  b. Photos that did not win awards
- What are the columns measuring?
  a. Image quality.
     i. 2 sets of photos, award winning, and just photos.
- What is your target?
  a. A new introduced photo.

Slide 4: Completed Clean-Up and Modelling

- What clean-up steps have been completed so far?
  a. EDA
    i. Manual for outliers, ie not landscape photos
    ii. Manual for duplicates
    iii. Duplicates between both folders using WinMerge
- How many data points and columns did you start and end with?
  a. Began with 1500 award winning and 3500 just photos
  b. Now I have 4000 and 5000
- Which models have you tried so far? Show some preliminary results.
  a. Modeling has been slow to happen. The data acquisition has been slower than expected.

Slide 5: Plan of Action

- What is your plan for the next two weeks?
  a. This week:
    i. Import the data into the notebook.
    ii. Start some serious modeling.
    iii. Get more data if required.
- Which models do you plan on fitting?
  a. Most likely a CNN Model
  b. Id like to do some others to test the accuracy of image groups as well, I have not determined which ones yet.