

Projects

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CSE595 Words & Pictures

Proposals

- In class March 22
- 5 minutes
- Projects can be individual or in groups up to 3
- Come see me in office hours before then to verify idea

Needed before then

- Project idea
- Initial Proposed Solution
- Data Collection
- Project Timeline

Project Idea

- Needs to involve image and text analysis!
- Should be somewhat specific (ie not “improve image search”)
 - Needs some kernel of interest. Try to think of a new problem or new twist on an old problem
 - Can be a general problem applied to a specific domain or data set (e.g. bird attribute identification from field guides)
 - Needs to involve images & text, but can be focused more on one side or the other (NLP vs Vision)

Data Sources

- Flickr images (API exists and I can point you to image collection scripts). Flickr groups exist on any topic you can think of (e.g. buildings, cats, bacon).
- Shopping images (I have a collection on my website and scripts to collect more).
- Online Field guides (e.g. animals, plants).
- Captioned photographs (e.g. news).
- Movies with scripts (some data may be available, or else collection and alignment will be required).
- Wikipedia (available online for free download).
- ImageClef (images with associated text)
- Additional Data sets –
<http://www.datawrangling.com/some-datasets-available-on-the-web>