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