Pedagogical Function

Pedagogical functions are labeled according to the following criteria:

Corpus: A corpus provides access to and a description of a scientific dataset.
Course: A course provides information about a class on a specific topic.
Lecture: A lecture consists of slides/notes from a university lecture.
Library: A library consists of github pages and other codebases which aid in the implementation of algorithms.
NACLO: NACLO problems refer to linguistics puzzles from the North American Computational Linguistics Olympiad.
Paper: A paper is a short/long conference paper taken from sites such as https://arxiv.org/ and which is not include in the ACL Anthology.
Resource: A resource provides a collection of helpful links in one location.
Survey: A survey is a long paper or book which describes a broader subject.
Tutorial: A tutorial is a slide deck from a conference tutorial or an html page that describe a contained topic.

Topic Collection:

For each of the topics (all the topics have been assigned in your respective folders with a topic per file):

1. Find 5 resources which you feel cover the most important parts of the topic.
        - these should EXCLUDE all which have medium as "naclo," "paper" and "corpus." (no github pages -- unless they are slides or tutorials on a github address)

    - We only want to consider powerpoints (or slides in the form of a pdf) or html pages that have a contained topic. We do not want to include general pdf's or very large resources. -- powerpoints are preferred for our current purposes, but if you find a html page which is important, do include it.

    - If you cannot find 5 good resources, that is fine. Find as many as you can. Only report topics for which you cannot find a single topic. Report this by adding ".bug" to the file. You can include longer resources which include other topics as long as the pages that are about the topic contribute strongly to the topic of concern.

        - copy the id of the resource and the title to the file for that topic.

        - if you find resources with broken links or duplicates, note these in a errors.txt file

2. Once you have selected resources for the topic
        - list the resources in the files starting from most helpful for someone doing a project on the topic to least helpful. Measures of helpfulness may include the breadth of the resource, the clarity of the writing, the visualizations, among others. This is granted to be quite subjective, but this will just be an initial annotation.

3. Move your x.txt file to x.txt.done

Survey Extraction and Reading Lists:

1. Sign into AAN and click on the "Admin" bar at the top. At the bottom of this page will be a "Annotate Resources" button. The page this takes you to has all the topics and the resources selected by the annotators.

2. For each of the topics you annotated in the previous phase (collecting tutorials) you will go through the cards of those topics.
   -- You will have a DROP option, 0-2 as well as a SKIP option.

   -- DROP is used when the card image quality is not good, there is a mistaken slide inserted, there are slides repeated or slides in a succession (if the bullet points in a slide are revealed one slide at a time, we want to keep just the last slide.

   -- SKIP is for when you can't decide on the value of a slide and you want to return to it.

   -- 0-2 - rate the cards based on their usefulness for learning the topic under which the resource is listed, with 0 being the lowest and 2 being the highest.
      0 - not useful
      1 - somewhat useful
      2 - useful

   -- You can use the following shortcuts to make annotation go quicker:
      s - skip
      b - back
      d - drop
      0 - 2 - scores

3. If there are errors (eg "Directory for resource 7201 doesn't exist. Please check in /data/clair/newaan/data/resources/cards") please note these and let me know as these resources may have been able to be processed in the script that generated the cards.

Prerequisite chains:

1. Sign into AAN and click on the "Admin" bar at the top. At the bottom of this page will be a "Annotate Prerequisites" button. The page this takes you to has all the topics and the resources selected by the annotators.

2. You will see the list of topics. For each topic that you annotated:
   -- You will see a list of every other topic.

   -- You will label which of the topics are prerequisites for the main topic, i.e., if the topic you annotated is X, which of the 209 other topics are prerequisites of X.

   -- We define labeling a topic Y as a prerequisite of X according to the following question :

      -- Would understanding Topic Y help you to understand Topic X? For example, learning "Linear Algebra" is helpful for learning "neural networks", then Linear Algebra" is a prerequisite of "neural networks".

   -- You can answer the questions as No (not a prerequisite), Somewhat, or Yes (is a prerequisite)

Tips for prereq annotation:
In addition to the drag feature, you can just use a one-click feature at the top by pressing "somewhat" for example and then clicking the topics below.
You can see which topics you've annotated based on the "Prereq status" which shows the breakdown between non-prereq/somewhat/prereq