

Progress Report

Which tasks have been completed?

- Reviewed lecture notes which are closely related to our project goal and milestones, including PSLA, CPSLA, PSLA with prior, EM algorithm, etc.
- Read relevant papers to get inspiration for the project:
 - <http://sifaka.cs.uiuc.edu/czhai/pub/kdd06-mix.pdf>
- Investigated the MeTA toolkit package in detail and existing use cases.
- Narrowed down the areas our project plans to contribute towards a general analysis engine:
 - Support interpretation of any topic in any given context of a collection of articles.
 - Support PLSA with prior.
- Laid out specific milestones for the tasks we plan to accomplish.
- Divided workload among team members to enable parallel work.

Which tasks are pending?

- Implement algorithms
- Brainstorm and find appropriate datasets for algorithm validation and performance evaluation
- Prepare software documentation and usage presentation

Are you facing any challenges?

- We find it challenging to find meaningful datasets to validate our implementation and evaluate algorithm performance. Especially for context based PSLA, we will need to use some datasets with meaningful context information.