

# CS410 Fall 2020 Course Project Proposal

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**Team:** Individual

**Programming Language:** Python

**Topic:** Reproducing the following paper on *Latent Aspect Rating Analysis*

Hongning Wang, Yue Lu, and ChengXiang Zhai. 2011. Latent aspect rating analysis without aspect keyword supervision. In Proceedings of ACM KDD 2011, pp. 618-626. DOI=10.1145/2020408.2020505

In this project, the Latent Aspect Rating Analysis generative model will first be implemented as described in the paper above and then applied on the same hotel and MP3 player review datasets, effectively replicating the results of the paper. The relevant datasets have been obtained from <http://timan.cs.uiuc.edu/downloads.html>