

1st Milestone Report for 15-400, Spring 2017

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Major Changes :

There haven't been major changes to the goals of my project since the proposal.

Accomplishments So Far :

I have read one of the foundational papers on correlation clustering (“Correlation Clustering” by Bansal, Blum and Chawla), and I'm currently working through “Computational Feasibility of Clustering under Clusterability Assumptions” (a survey paper by Shai Ben-David), and “Clustering via Crowdsourcing” (a recent paper by Mazumdar and Saha - thanks to Nika Haghtalab for pointing me to this paper!). I'm also reading relevant sections of the book “Foundations of Data Science” (by Blum, Hopcroft and Kannan).

Meeting The Milestone :

I would say that I have become more familiar with the area of clustering. However, I haven't yet read much about the aspect of my project involving oracle queries.

Surprises :

I haven't met with any surprises so far.

Revisions To 15-400 Milestones :

I haven't felt the need to revise any milestones so far.

Resources Needed :

I haven't felt the need for any more non-trivial resources so far.