**Reproducing the paper on Pattern Annotation**

**Team Members:** Bipin Chandra Karnati ([karnati3@illinois.edu](mailto:karnati3@illinois.edu) )

Savitha Govindarajan ([savitha3@illinois.edu](mailto:savitha3@illinois.edu) )

Utpal Mondal ([umondal2@illiniois.edu](mailto:umondal2@illiniois.edu))

**Team Leader:** Savitha Govindarajan ([savitha3@illinois.edu](mailto:savitha3@illinois.edu) )

**Team Name:** Avengers

**Paper Chosen:** Generating semantic annotations for frequent patterns with context analysis. In Proceedings of the 12th ACM SIGKDD international conference on Knowledge discovery and data mining (KDD 2006). ACM, New York, NY, USA, 337-346. DOI=10.1145/1150402.1150441

**Authors:** Qiaozhu Mei, Dong Xin, Hong Cheng, Jiawei Han, and ChengXiang Zhai

**Year Published:** 2006

**Implementation Language:** Python

**Dataset used in paper:** DLBP data set

**Availability of dataset:** Yes. We have the data subset (https://hpi.de/naumann/projects/repeatability/datasets/dblp-dataset.html) & working on getting the exhaustive data set.