Tufts University DS288 - Data Science Master's Project

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Project Notebook

(Preliminary) Project Description

This Master's Capstone is an investigation into various Bioinformatics/Computational Biology tools used for the prediction of protein-protein/protein-small molecule interactions, and/or the prediction of Gene Ontologies (GO) on the basis of protein sequence data, genome wide association studies (GWAS), or other data sources.

The project will begin fairly broad in scope, but is expected to narrow significantly through meetings with professors and possible collaborators. If a project with privately-generated data is not available, public data sources will be employed.