

EDA Final Project Proposal

Evelyn Delph, Thomas Janes, Nicholas Mobley

April 2020

1 The Data Set

The data set we will be using is the compiled IU Bloomington Grade Distribution from Fall 2003 - Spring 2019 (excluding summer courses). As well as the faculty salaries from the same time period. Within the grade distribution data set the variables included are the instructor, the number of A's awarded, A-'s awarded, B+'s awarded, .etc. As well as the course section and description. Within the salary data set there is the faculty member, their department, their class, and of course salary.

2 The Research Question

The question we are most interested in seeing is what is the relationship between a faculty member's salary and grade distribution, if at all, when accounting for department, class, and number of student's taught.