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Job Not Guaranteed: Unemployment Rate by College Majors and Location

As more and more students graduate from college they are faced with one particular problem, unemployment. Hypothesis testing and linear regression was used through the research to derive with these conclusions. Unemployment and underemployment among recent college graduates is quite high especially in particular majors that may not be in high demand, for example recent college graduate with architecture major have an unemployment rate of 13.9% the highest among majors. Certain major types have a higher unemployment rate than other like arts and humanities and Liberal Art majors have a higher unemployment rate than computer, mathematics, and engineering majors. Not only is unemployment significantly high, the correlation between unemployment and underemployment is very strong and thus many recent college graduates find themselves not working in the jobs that they imagined themselves working in based on their major. Additionally, testing conclude that location can have a significant impact on unemployment and salary as well. A Metropolitan are with a higher concentration of college graduates workers will have a higher average salary for college graduates. Thus concluding that the higher the concentration of college graduates in an area the higher their average pay is.