

# BUS511 - Project (ZKH3)

Fall 2018

Submission deadline: Week 12

The goal of the project is to examine the effect of education, gender, age and minority classification on the beginning salary of the employees in a company. Different data sets are given to different groups (individual) of students.

[Use SPSS/MINITAB/any other computer packages for data analysis]

1. **Introduction:** Write a paragraph about introduction of the project including data and variables.
2. Find the estimated regression equation of the beginning salary on the education, gender, age and minority classification.
3. Explain the meaning of the estimated regression coefficients (slope) values.
4. What is the value of coefficient of multiple determination? Interpret this value.
5. What is the predicted beginning salary for the employee who is white male and has 16 years of education?
6. Determine the 95% confidence intervals for the regression coefficients.
7. **Discussion and conclusion:** Write two paragraphs: one for association between dependent and independent variables [use sign of estimated coefficients] and the other about the significant (important) factors for determining the beginning salary of the employees on the basis of your results obtained from the analysis [use p-values].

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