Name

Professor name

Subject

Date

Class experience

My online class experience was amazing because it provided me opportunities to learn different statistical concepts. The online course offered familiarity about many important concepts such as population, sample size and parameters. I learned the technique of targeting a specific population in statistical study. The role of sample size and appropriate method for its estimation was explained. I enhanced my knowledge about different statistical concepts that are also applicable in research studies. I developed the ability of understanding sequences of frequencies and descriptive statistics. My knowledge of probability and statistical inference also improved to larger degree. Through this course I managed to learn the techniques of building probability for learning the possibilities of occurrence of an event. These concepts are important for taking a statistical exam. I also availed the opportunity of applying these concepts in research studies.

I developed expertise of using main descriptive statistics that include tendency, variability and location. By understanding the differences I managed to use them in solving of many statistical problems. My learning was not limited to these concepts because the course offered insights into many other important aspects of the subject. The best thing about the course was to learn the use of graphs and charts. This allowed me to create by own graphical visuals by using datasets and relating them to the variables. I also managed to learn different statistical software such as SPSS that is one of the commonly used software in academics. I developed the knowledge of adding raw data from surveys and questionnaire in the software and coded them. The course shared elaborated guideline for performing different statistical techniques such as computation of means, standard deviations and frequencies. I learned to run regression model and coding the dependent and independent variables. The software was also used for creating scatter plots that helped in understanding the frequencies and distribution of population.

The course shared different learning materials that allowed me to build clear knowledge about the use of bivariate and normal distributions. There distributions can be used in statistical research and other areas where statistical concepts are applicable. The course offered me knowledge for constructing hypothesis for studying assumptions. I developed the competency of differentiating between the null and alternative hypothesis and their function in different researches. My encounter with different statistical concepts will allow me to handle real life data such as inquiring on a general problem of gender discrimination and pay gaps. I would be able to select appropriate variables for determining the relationship between them. By running statistical techniques in statistical software such as SPSS computation of different frequencies, distributions and ranges is possible. I would manage to analyze data and run various tests such as t-test and regression analysis. After entering the data in software with proper coding I would manage to analyze correlations that will depict the relationship between variables.

I believe that the online course on statistics offered me numerous opportunities of applying various statistical techniques and concepts. After completing the course I felt that my knowledge of statistics improved significantly. My enhanced knowledge of statistics has helped me to perform quantitative research by collecting data from surveys and questionnaire. The information of the techniques and statistical method will help me to use them for calculating the research results. I think my enhanced knowledge of statistics have made me self-sufficient in differentiating between important concepts and using them for calculating results of surveys.