

STA130 Tutorial 1

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There is a widely held perception in many parts of the world today that statistical analysis is playing a much more important role in various aspects. What I'm most excited about from this course is carrying out a variety of statistical analyses in R and interpreting the results of the analysis. Two of the primary reasons associated with this are as follows.

First of all, it is an undeniable fact that learning this course can help develop my professional knowledge. Planning to specialize in Data Science and Computer Science in the future study, I am especially interested in problems of Machine Learning, Statistical Analyzing, and Mathematical Optimizing. As an intern Assistant Engineer at Hairou Robotics in Shenzhen, I was deeply impressed by the significant role played by optimization and numerical method in automated warehouse management. With the support of my Math and CS ability, I was inspired to design an intelligent logistics workbench, which used Raspberry Pi instead of a PC to improve the integration of the workbench. Our team also developed a Face ID automated login in our programmable logic controller system to train our machine-learning models. Besides, I'm currently a writer on CSDN, the largest programming forum in China, posting articles regarding Numpy, Pandas, and Matplotlib, which are statistical analysis methods under the scope of Python. However, I've never officially learned anything related to statistical analyses in R or explicitly interpreted the results of the analysis. Through this direction, I sincerely hope to further develop my ability by taking this course.

Secondly, my career aspiration has always been and will always be to become an excellent researcher, working at the vanguard of data science and computer science. Pursuing this course will enable me to accumulate one of the most essential skills in statistical analysis.

By way of conclusion, what excites me most from this course is carrying out a variety of statistical analyses in R and interpreting the results of the analysis, not only because of future study but also because of my career aspiration. It's my honor to be in this course and I'm expecting to devote myself to all course works. Hopefully, in the foreseeable future, I can eventually contribute to the development of this fascinating area of science.