Describe an interesting subject that you learned at school (that you like most). You should say:

What it is

Where you study it and what your teacher is like

How long you learned it and what have you learned

And explain why you like it

I am going to describe statistics, which is my favorite subject that I learned at university. Statistics is a branch of mathematics dealing with collection, organization, analysis, interpretation and presentation of data. It was the obligatory course for me since I majored in Statistics. I learn it for one semester during which there were 3 2 hours long sections each week. We had a nice young lecturer, who just got a master degree of computer science then. His lecture was always straightforward and easy to understand since he created plenty of interesting examples to illustrate those abstract concepts. Beside, his teaching method was also unique. Once he randomly chose students to teach the p value, which was a very difficult concept. By this way, I think most of the students got a better understanding, since they got a good preparation before teach formally introduced it. I learned two main statistical methods in the class. The first one is descriptive statistics, which summarized data from a sample using indexes such as the mean or standard deviation. The second is inferential statistics, which includes many models that could be used to fit the data and make prediction. For example, if we want to summarize the heights of students in the class, mean and standard deviation would be used to describe the central tendency and variability. And inferential statistics could be use to predict the weight with height of a student after we tested that both heights and weight were normally distributed. From this course, I learned how to analyze data scientifically whereas I guess a lot unsystematically before I took this class. And what fascinated me mostly are those statistical models that I could use to predict various tread or outcome such as the stock prices. I also learned some statistical software such as R and SAS which help me to carry out those complex calculations easily.