Mindluster Platform

About the course Statistics and Data Science

How is statistics used in data science? Building models using popular statistical methods such as Regression, Classification, Time Series Analysis and Hypothesis Testing. Data Scientists run suitable experiments and interpret the results with the help of these statistical methods. Statistics is also used for summarizing the data fairly quickly.Is statistics and data science the same? Statistics is a mathematically-based field which seeks to collect and interpret quantitative data. In contrast, data science is a multidisciplinary field which uses scientific methods, processes, and systems to extract knowledge from data in a range of forms.Is statistics good for data science? In our view, statistical methods are crucial in most fundamental steps of Data Science. ... Statistics is one of the most important disciplines to provide tools and methods to find structure in and to give deeper insight into data, and the most important discipline to analyze and quantify uncertainty.Is a statistician a data scientist? While data scientists focus on comparing a number of different methods to create the best machine learning model, statisticians rather work to improve a single, simple model to best fit the data. Statisticians tend to focus more on quantifying uncertainty than data scientists.Can you learn statistics on your own? Most people don't really learn statistics until they start analyzing data in their own research. Yes, it makes those classes tough. You need to acquire the knowledge before you can truly understand it. ... The only way to learn how to analyze data is to analyze some.

Computer Science Category's Courses

Course Lesson(8)

Lesson 1 : **Effective Data Visualization in the Era of COVID 19**

Lesson 2 : **Data Overload Making Sense of Statistics in the News**

Lesson 3 : **Stanford Webinar Supersize Your Career with Big Data**

Lesson 4 : **Stanford Seminar Advanced Technology for the Common Good**

Lesson 5 : **Stanford Seminar Secure Data Science on the Internet of Things**

Lesson 6 : **Stanford Seminar Complex Coupled Networked Systems**

Lesson 7 : **Stanford Seminar Applying Theory to Practice and Practice to Theory**

Lesson 8 : **Stanford Seminar From Bytes to Bites How Data Science Might Help Feed the World**

Related courses

Linear Algebra for Computer Scientists

Insertion Sort

Bubble Sort

GCSE Computer Science

Random Access Memory

Binary Trees

business@mindluster.com