

Data Science – Requirements and Applications

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Abstract

If data is the new gold, then Data Scientists are the groundbreaking (literally?) experts excavating the data and refining it into valuable information. Many Data Scientists originally came from other fields like Mathematics, Statistics, Computer Science, and Engineering. This presentation reviews the necessary skills for success as a Data Scientist, several use-cases of applications of Data Science, and a discussion of why Mathematics/Statistics majors have an advantage in the Data Science arena.

Keywords: Mathematics, Statistics, Engineering.