



4 Courses

**Discrete Math and Analyzing
Social Graphs**

**Calculus and Optimization
for Machine Learning**

**First Steps in Linear Algebra
for Machine Learning**

**Probability Theory, Statistics
and Exploratory Data
Analysis**



Apr 13, 2020

SALMAN SAEED KHAN

has successfully completed the online, non-credit Specialization

Mathematics for Data Science

Behind numerous standard models and constructions in Data Science there is mathematics that makes things work. It is important to be able to see it to be successful in Data Science. In this specialisation we will cover wide range of mathematical tools and see how they arise in Data Science. We will cover such crucial fields as Discrete Mathematics, Calculus, Linear Algebra and Probability. To make your experience more practical we accompany mathematics with examples from Data Science. In the end of each course we will have a project directed at solving practical task in Data Science.

*U. Choudhary D. P. Khanna S. L. Kachhava
V. Choudhary A. Saxena I. Jha, Scherer*

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