



8 Courses

**Foundations: Data, Data, Everywhere**

**Ask Questions to Make Data-Driven Decisions**

**Prepare Data for Exploration**

**Process Data from Dirty to Clean**

**Analyze Data to Answer Questions**

**Share Data Through the Art of Visualization**

**Data Analysis with R Programming**

**Google Data Analytics Capstone: Complete a Case Study**



May 13, 2023

**Aniket Chakraborty .**

has successfully completed the online, non-credit Professional Certificate

## Google Data Analytics

Those who earn the Google Data Analytics Professional Certificate have completed eight courses, developed by Google, that include hands-on, practice-based assessments and are designed to prepare them for introductory-level roles in Data Analytics. They are competent in tools and platforms including spreadsheets, SQL, Tableau, and R. They know how to prepare, process, analyze, and share data for thoughtful action.

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at:

<https://coursera.org/verify/professional-cert/VXV2JJYHVCZA>



10 Courses

What is Data Science?

Tools for Data Science

Data Science Methodology

Python for Data Science, AI & Development

Python Project for Data Science

Databases and SQL for Data Science with Python

Data Analysis with Python

Data Visualization with Python

Machine Learning with Python

Applied Data Science Capstone



Nov 2, 2023

**Aniket Chakraborty .**

has successfully completed the online, non-credit Professional Certificate

## IBM Data Science

In this Professional Certificate, learners developed and honed hands-on skills in Data Science and Machine Learning. Learners started with an orientation of Data Science and its Methodology, became familiar and used a variety of data science tools, learned Python and SQL, performed Data Visualization and Analysis, and created Machine Learning models. In the process they completed several labs and assignments on the cloud including a Capstone Project at the end to apply and demonstrate their knowledge and skills.

Rav Ahuja  
AI & Data Science  
Program Director  
IBM Skills Network

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Verify this certificate at:  
<https://coursera.org/verify/professional-cert/HZFG3A8XK9SR>

# UC DAVIS

Nov 7, 2023

## Aniket Chakraborty .

has successfully completed

### Fundamentals of Visualization with Tableau

an online non-credit course authorized by University of California, Davis and offered through Coursera



Desiree' Abbott  
Business Intelligence Developer III at Limeade  
Instructor for Continuing and Professional Education  
UC Davis

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/BAU27SBRQTCB>

Coursera has confirmed the identity of this individual and their participation in the course.





# VANDERBILT UNIVERSITY

Oct 31, 2023

## Aniket Chakraborty .

has successfully completed

### Prompt Engineering for ChatGPT

an online non-credit course authorized by Vanderbilt University and offered through  
Coursera

Dr. Jules White Professor  
Department of Computer Science  
Vanderbilt University

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/3N5YH5HRHSFM>

Coursera has confirmed the identity of this individual and their  
participation in the course.



3 Courses

Mathematics for Machine  
Learning: Linear Algebra

Mathematics for Machine  
Learning: Multivariate  
Calculus

Mathematics for Machine  
Learning: PCA

Imperial College  
London

Jan 7, 2024

**Aniket Chakraborty .**

has successfully completed the online, non-credit Specialization

# Mathematics for Machine Learning

A sequence of 3 courses on the prerequisite mathematics for applications in data science and machine learning. Successful participants learn how to represent data in a linear algebra context and manipulate these objects mathematically. They are able to summarise properties of data sets and map them onto lower dimensional spaces with principal component analysis. Finally they can solve optimisation problems and use this skill to train models for describing data such as simple neural networks.

David Dye  
Professor of Metallurgy  
Department of  
Materials  
Imperial College London

Samuel J. Cooper  
Lecturer  
Dyson School of Design  
Engineering  
Imperial College London

Marc Deisenroth  
Senior Lecturer  
Department of  
Computing  
Imperial College London

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Verify this certificate at:  
<https://coursera.org/verify/specialization/LSFXUAUU45XW>