



10 Courses

**The Data Scientist's Toolbox**

**R Programming**

**Getting and Cleaning Data**

**Exploratory Data Analysis**

**Reproducible Research**

**Statistical Inference**

**Regression Models**

**Practical Machine Learning**

**Developing Data Products**

**Data Science Capstone**



May 31, 2021

**Md Shahbaz Alam**

has successfully completed the online, non-credit Specialization

## Data Science

The Data Science Specialization covers the concepts and tools for an entire data science pipeline. Successful participants learn how to use the tools of the trade, think analytically about complex problems, manage large data sets, deploy statistical principles, create visualizations, build and evaluate machine learning algorithms, publish reproducible analyses, and develop data products. This certificate does not confer academic credit toward a degree or official status at the Johns Hopkins University.

Jeff Leek, PhD; Roger  
Peng, PhD; Brian Caffo,  
PhD

Department of  
Biostatistics  
Johns Hopkins  
Bloomberg School of  
Public Health

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:  
[coursera.org/verify/specialization/FVDVWD3TZ9A9](https://coursera.org/verify/specialization/FVDVWD3TZ9A9)

# Stanford | ONLINE

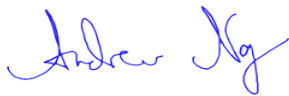
Mar 29, 2021

**Md Shahbaz Alam**

has successfully completed

**Machine Learning**

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



Associate Professor Andrew Ng  
Computer Science Department  
Stanford University

SOME ONLINE COURSES MAY DRAW ON MATERIAL FROM COURSES TAUGHT ON-CAMPUS BUT THEY ARE NOT EQUIVALENT TO ON-CAMPUS COURSES. THIS STATEMENT DOES NOT AFFIRM THAT THIS PARTICIPANT WAS ENROLLED AS A STUDENT AT STANFORD UNIVERSITY IN ANY WAY. IT DOES NOT CONFER A STANFORD UNIVERSITY GRADE, COURSE CREDIT OR DEGREE, AND IT DOES NOT VERIFY THE IDENTITY OF THE PARTICIPANT.

COURSE  
CERTIFICATE



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



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**



Jun 13, 2021

**Md Shahbaz Alam**

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:  
[coursera.org/verify/professional-cert/VC6RBCFU3354](https://coursera.org/verify/professional-cert/VC6RBCFU3354)





Oct 17, 2021

**Md Shahbaz Alam**

has successfully completed

**Neural Networks and Deep Learning**

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

A blue ink signature of Andrew Ng.

Andrew Ng, Founder, DeepLearning.AI & Co-founder, Coursera  
Kian Katanforoosh, Co-founder, Workera  
Younes Bensouda Mourri, Instructor of AI, Stanford University

COURSE  
CERTIFICATE



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



Jan 19, 2021

**Md Shahbaz Alam**

has successfully completed

**AI For Everyone**

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

A blue ink signature of Andrew Ng.

Andrew Ng  
Founder, DeepLearning.AI  
Co-founder, Coursera

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/ED96S9MTHCGT](https://coursera.org/verify/ED96S9MTHCGT)

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



The State University  
of New York

Dec 31, 2020

**Md Shahbaz Alam**

has successfully completed

**Practical Time Series Analysis**

an online non-credit course authorized by The State University of New York and offered  
through Coursera

Tural Sadigov  
Lecturer  
Applied Mathematics

William Thistleton  
Lecturer  
Applied Mathematics

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/TWERTFGDZWZ](https://coursera.org/verify/TWERTFGDZWZ)

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



**MACQUARIE**  
University  
SYDNEY • AUSTRALIA

Apr 21, 2020

**Md Shahbaz Alam**

has successfully completed

**Excel Skills for Business: Essentials**

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

Nicky Bull, Lecturer and Lead Content Designer

Dr Prashan S. M. Karunaratne, Lecturer - Teaching & Leadership | Department of Actuarial Studies & Business Analytics

A/Professor Yvonne Breyer, Director, Learning & Teaching | Head, Learning Futures

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/P2D3U66F8625](https://coursera.org/verify/P2D3U66F8625)

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