

Data Science Course By Stanford University's Faculty

A rare learning opportunity from an instructor at one of the world's top universities, this two day workshop will help you understand how data science can be applied in your organization, and enable you to drive adoption and implementation of AI.

The course has proved to be one of the most popular courses at Stanford in recent years, with many students on the waiting list each quarter. The instructor, Dr. Mohammad Shokoohi-Yekta, has taught at Stanford University for the past 5 years and has trained thousands of students in the field of Data Science and Machine Learning.

Due to the expected popularity of the workshop, and to enable as many people to participate as possible we will be holding two sessions of this workshop. **Session one will be 17 & 18 October** and **session two will be 19 & 20 October**. Choice of date will be available on a first come first served basis.

The workshop will be certified by the UAE's National Program for Artificial Intelligence.

WHO IS THIS WORKSHOP FOR?

This workshop is aimed at anyone looking to gain a greater understanding of how data science and AI can be practically used to further business objectives. It is suitable for middle to senior management in any organisation where optimizing data usage is a key goal. No computer science experience is necessary.

SESSION

🕒 9.30 am to 5pm

📍 Sheikh Rashid Hall

DAY 1 17th/19th

- 09:30 Welcome Coffee
- 10:00 Inspiring Applications of Data Science and AI
- 11:00 Break
- 11:15 Install/run R and RStudio
- 12:15 Lunch Break
- 13:00 Introductory Programming in R
- 14:00 Break
- 14:15 Visualization Techniques with ggplot2
- 15:15 Break
- 15:30 Data Manipulation and Statistical Analysis
- 17:00 End of Day1

DAY 2 18th/20th

- 09:30 Welcome Coffee
- 10:00 Introduction to Machine Learning
- 11:00 Break
- 11:15 Predictive Modeling: Regression and Classification
- 12:15 Lunch Break
- 13:00 Clustering Algorithms
- 14:00 Break
- 14:15 Association Rule Mining & Recommender Systems
- 15:15 Break
- 15:30 Deep Learning and the Future of Data Science
- 17:00 End of Day2



WORKSHOP FACILITATOR

Dr. Mohammad Shokoohi-Yekta is currently a Senior Applied Scientist at Microsoft, and instructor at Stanford University. He is a former Data Scientist at Apple and has previously worked for Samsung, Bosch, General Electric and UCLA Research Labs.

He received his PhD in Computer Science from the University of California, Riverside and his B.Sc. from the University of Tehran. Dr. Mohammad is the author of the book, 'Applications of Mining Massive Time Series Data', and he has been a keynote speaker at more than 45 Data Summits/Conferences around the globe to date.

PRICE AED 3,500

*All prices inclusive of VAT

Prices are per delegate, inclusive of lunch and coffee break refreshments.

To book your place, or to enquire about group bookings please email fahad.khalife@dwtc.com