

04/17/2020

Mohamed Ali Ben Alaya

has successfully completed

What is Data Science?

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



Alex Aklson, Ph.D.
Data Scientist



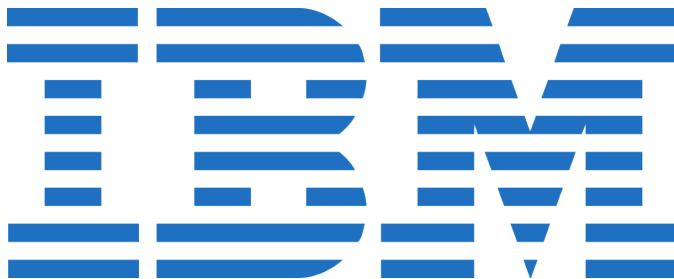
Polong Lin
Data Scientist, IBM

COURSE CERTIFICATE



Verify at coursera.org/verify/2HGY4TS6LCBP

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



05/02/2020

Mohamed Ali Ben Alaya

has successfully completed

Introduction to Artificial Intelligence (AI)

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

A handwritten signature in black ink.

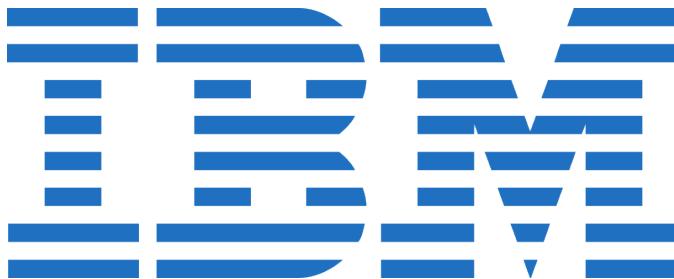
Rav Ahuja
AI & Data Science Program Director
IBM Skills Network

COURSE CERTIFICATE



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their participation in the course.



05/02/2020

Mohamed Ali Ben Alaya

has successfully completed

Tools for Data Science

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

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Romeo Kienzler
Chief Data Scientist
IBM Watson IoT

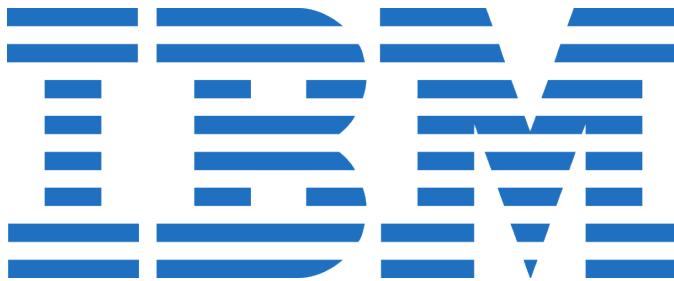
A handwritten signature in black ink.

Svetlana Levitan
Senior Developer Advocate
IBM Center for Open Data and AI Technologies

COURSE CERTIFICATE



Verify at coursera.org/verify/FCW5ZEDNHKAF
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their participation in the course.



05/02/2020

Mohamed Ali Ben Alaya

has successfully completed

Building AI Powered Chatbots Without Programming

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

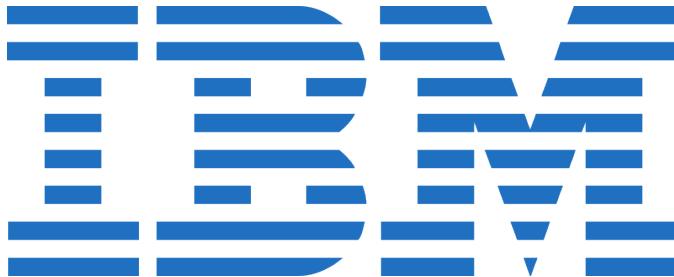
Antonio Cangiano

Antonio Cangiano
Software Developer and Technical Evangelist
IBM Digital Business Group

COURSE CERTIFICATE



Verify at coursera.org/verify/SRBFLGM7GHUV
Coursera has confirmed the identity of this individual and
their participation in the course.



04/30/2020

Mohamed Ali Ben Alaya

has successfully completed

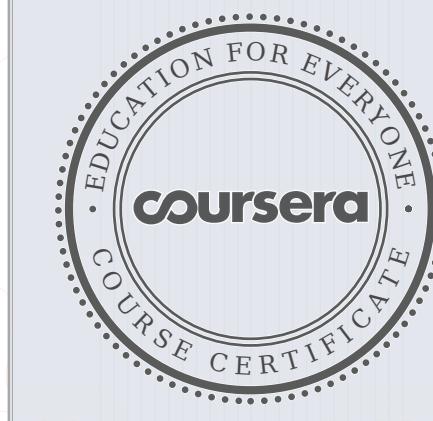
Advanced Data Science Capstone

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

A handwritten signature in black ink, appearing to read "Romeo Kienzler".

Romeo Kienzler
Chief Data Scientist
IBM Watson IoT

COURSE CERTIFICATE



Verify at coursera.org/verify/ZVWGRDWADVZD

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



04/28/2020

Mohamed Ali Ben Alaya

has successfully completed

Machine Learning: Regression

a MOOC from the University of Washington and offered through Coursera

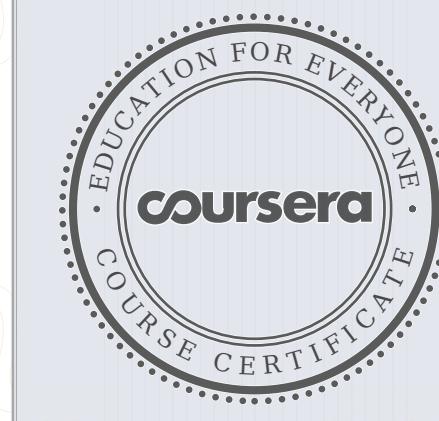
A handwritten signature of the name "Emily Fox".

Emily Fox
Amazon Professor of Machine Learning
Statistics

A handwritten signature of the name "Carlos Guestrin".

Carlos Guestrin
Amazon Professor of Machine Learning
Computer Science and Engineering

COURSE CERTIFICATE



Verify at coursera.org/verify/RRJZABX8HLNN

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



deeplearning.ai

04/28/2020

Mohamed Ali Ben Alaya

has successfully completed

Improving Deep Neural Networks:
Hyperparameter tuning, Regularization and
Optimization

an online non-credit course authorized by deeplearning.ai and offered through
Coursera

A handwritten signature in blue ink that reads "Andrew Ng".

Adjunct Professor Andrew Ng
Computer Science

COURSE CERTIFICATE



Verify at coursera.org/verify/4DKN7N5DTBAX

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



04/28/2020

Mohamed Ali Ben Alaya

has successfully completed

Convolutional Neural Networks

an online non-credit course authorized by deeplearning.ai and offered through Coursera

A handwritten signature in blue ink that reads "Andrew Ng".

Adjunct Professor Andrew Ng
Computer Science

COURSE CERTIFICATE



Verify at coursera.org/verify/KAJ5ZJ8TX53A

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



deeplearning.ai

04/29/2020

Mohamed Ali Ben Alaya

has successfully completed

AI for Medical Prognosis

an online non-credit course authorized by deeplearning.ai and offered through Coursera

A handwritten signature in blue ink that appears to read "Pranav Rajpurkar" followed by a cursive "John NY".

Pranav Rajpurkar, PhD Candidate at Stanford University

COURSE CERTIFICATE



Verify at coursera.org/verify/QZ628U72XKH8

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



deeplearning.ai

04/29/2020

Mohamed Ali Ben Alaya

has successfully completed

AI for Medical Diagnosis

an online non-credit course authorized by deeplearning.ai and offered through Coursera

A handwritten signature in blue ink that appears to read "Pranav Rajpurkar" followed by initials "J.D." or "J.D." over "NY".

Pranav Rajpurkar, PhD Candidate at Stanford University

COURSE CERTIFICATE



Verify at coursera.org/verify/V3MBWXASFLW3

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



04/17/2020

Mohamed Ali Ben Alaya

has successfully completed

Neural Networks and Deep Learning

an online non-credit course authorized by deeplearning.ai and offered through Coursera

A handwritten signature in blue ink that reads "Andrew Ng".

Adjunct Professor Andrew Ng
Computer Science

COURSE CERTIFICATE



Verify at coursera.org/verify/Z9JWYVTNKV55

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



04/28/2020

Mohamed Ali Ben Alaya

has successfully completed

Applied Machine Learning in Python

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

A handwritten signature in black ink that reads "KCThompson".

Kevyn Collins-Thompson
Associate Professor
School of Information

COURSE CERTIFICATE



Verify at coursera.org/verify/9K4SP8JYP27P

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



04/28/2020

Mohamed Ali Ben Alaya

has successfully completed

Introduction to Data Science in Python

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

A handwritten signature in black ink that appears to read "Christopher Brooks".

Christopher Brooks
Research Assistant Professor
School of Information

COURSE CERTIFICATE



Verify at coursera.org/verify/D9DD625MRSC

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



04/29/2020

Mohamed Ali Ben Alaya

has successfully completed

Text Mining and Analytics

an online non-credit course authorized by University of Illinois at Urbana-Champaign
and offered through Coursera

A handwritten signature in black ink that appears to read "ChengXiang Zhai".

ChengXiang Zhai
Professor and Willett Faculty Scholar
Department of Computer Science

COURSE CERTIFICATE



Verify at coursera.org/verify/XHSGRQU58ALC

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

Certificate of Completion

*This is to certify that **Mohamed Ali Ben Alaya** successfully completed 19 total hours of **Complete Tensorflow 2 and Keras Deep Learning Bootcamp** online course on March 22, 2020*

Jose Portilla

Jose Portilla, Instructor

&



Certificate no: UC-1a5693b4-5b2a-42ec-b133-75bdc0bef439
Certificate url: ude.my/UC-1a5693b4-5b2a-42ec-b133-75bdc0bef439

#BeAble

Certificate of Completion

*This is to certify that **Mohamed Ali Ben Alaya** successfully completed 5.5 total hours of **Machine Learning 101 with Scikit-learn and StatsModels** online course on Sept. 1, 2020*

365 Careers
365 Careers, Instructor

&
 Udemy

Certificate no: UC-5f661e0d-2b13-4bad-bb6b-dd88fd5acbd6
Certificate url: ude.my/UC-5f661e0d-2b13-4bad-bb6b-dd88fd5acbd6



#BeAble

Certificate of Completion

*This is to certify that Mohamed Ali Ben Alaya
successfully completed 6 total hours of
**Blockchain for Business 2020: The New Industrial
Revolution** online course on Sept. 1, 2020*

365 Careers
365 Careers, Instructor

&
 Udemy

Certificate no: UC-91d45a81-9d60-44c2-9150-73b1f9f09b03
Certificate url: ude.my/UC-91d45a81-9d60-44c2-9150-73b1f9f09b03



#BeAble

Certificate of Completion

*This is to certify that Mohamed Ali Ben Alaya
successfully completed 14 total hours of Python
for Computer Vision with OpenCV and Deep
Learning online course on April 9, 2020*

Jose Portilla

Jose Portilla, Instructor

&



Certificate no: UC-b3358547-fb64-47a1-be71-2c27cbe1bcf4
Certificate url: ude.my/UC-b3358547-fb64-47a1-be71-2c27cbe1bcf4

#BeAble

Certificate of Completion

*This is to certify that **Mohamed Ali Ben Alaya** successfully completed **6 total hours of Support Vector Machines in Python: SVM Concepts & Code** online course on Sept. 1, 2020*

Start-Tech Academy

Start-Tech Academy, Instructor



Certificate no: UC-e28df746-d437-4828-ab3b-1075c0dd72bd
Certificate url: ude.my/UC-e28df746-d437-4828-ab3b-1075c0dd72bd

#BeAble

Certificate of Completion

*This is to certify that Mohamed Ali Ben Alaya
successfully completed 3.5 total hours of
Probability for Statistics and Data Science online
course on Sept. 1, 2020*

365 Careers
365 Careers, Instructor

&
 Udemy

Certificate no: UC-ec6b6380-139e-4828-a336-d2411042bb5c
Certificate url: ude.my/UC-ec6b6380-139e-4828-a336-d2411042bb5c



#BeAble