



This is to certify that

Aadil Rafiq

successfully completed and received a passing grade in

**Machine Learning with
Python**

(ML0101EN, provided by IBM)

A course on **cognitiveclass.ai**
Powered by IBM Developer Skills Network.

Issued by
Cognitive Class

October 4, 2022

Authenticity of this certificate can be validated by going to:

<https://courses.cognitiveclass.ai/certificates/c90de3c722d94d95845cf8158a3b4721>

Certificate ID Number: **c90de3c722d94d95845cf8158a3b4721**

October 4, 2022



CERTIFICATE OF COMPLETION

Presented to

Aadil Rafiq

For successfully completing a free online course
Introduction to Natural Language Processing

Provided by

Great Learning Academy

(On January 2023)

CERTIFICATE OF COMPLETION

This is to certify that

Mohammed Aadil Rafiq

ID: 10551104

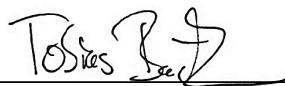
has successfully completed the following course

Data Science

from 12.07.2022 to 08.01.2023 and received a passing grade in:

Module	Grade
Data Science	2.3

One module corresponds to a workload of 5 ECTS (150 hours) and can be credited to a further IU study program.



Erfurt, 18.08.2022

Prof. Dr. Tobias Brückmann



Audit Committee Chair



Jan 29, 2023

mohammed aadil rafiq

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



Verify at:
<https://coursera.org/verify/8C3KTRUNXAXX>

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