



6 Courses

Introduction to Artificial Intelligence (AI)

Getting Started with AI using IBM Watson

Building AI Powered Chatbots Without Programming

Python for Data Science, AI & Development

Developing AI Applications with Python and Flask

Building AI Applications with Watson APIs



27/07/2023

**weam Abaas**

has successfully completed the online, non-credit Professional Certificate

## IBM AI Developer

This Professional Certificate provides a firm understanding of AI, its applications, and its use cases. Learners have become familiar with IBM Watson AI services and APIs. Learners have also grasped how virtual assistant technology works as well as built and deployed an AI powered customer support chatbot on a website. Learners competing this specialization have picked up practical Python skills to work with AI and have used IBM Watson AI services and APIs to create smart applications. They have become familiar with Computer Vision, Watson Visual Recognition and OpenCV and have used them for image processing and creating custom image classifiers. Learners have also demonstrated their proficiency in applied AI by completing several hands on projects.

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.

*Ramesh Sannareddy*

Ramesh Sannareddy  
Data Engineering  
Subject Matter Expert  
SkillUp

*Joseph Santarcangelo*

Joseph Santarcangelo  
Senior Data Scientist  
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*Abhishek Gagneja*

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AI Evangelist & Watson  
Developer

*Antonio Cangiano*

Antonio Cangiano  
Engineering Manager  
and AI Specialist  
IBM Digital Business  
Group

Verify this certificate at:

<https://coursera.org/verify/professional-cert/LGD8HOKT67CH>

# CERTIFICATE OF COMPLETION

## SDAIA ML Bootcamp

This certificate accredits that

**Weam Abaas**

has attended and successfully completed the bootcamp requirements.

**During the period of**

September 10, 2023 – October 5, 2023

Issued: 2023-10-12

Certificate ID: hodjulilas

# CERTIFICATE OF COMPLETION

## LLMs Practitioner

This is to certify that

**Weam Abaas**

has passed the examination and is rewarded with the  
**Large Language Models Practitioner Certificate organized by SDAIA.**

Issued: 2024-01-11

Certificate ID: uwhlzuckmf



EXAM CERTIFICATE

PROUDLY PRESENTED TO

**Weam Abaas**

## Jr. Data Science Certificate



**December 4, 2024**

Date awarded

**125153854**

Certification ID

**Dara Warn**

Chief Executive Officer, INE



Jul 25, 2025

**weam Abaas**

has successfully completed

**Introduction to TensorFlow for Artificial  
Intelligence, Machine Learning, and Deep Learning**

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

*Laurence Moroney*

Laurence Moroney  
Instructor

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/GI98LDTKHM5>

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