



This is to certify that

DENNIS ASAMOAH DEBRAH

successfully completed and received a passing grade in

Data Science 101

(DS0101EN, provided by IBM)

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

Issued by Cognitive Class

November 15, 2022

Authenticity of this certificate can be validated by going to:

https://courses.cognitiveclass.ai/certificates/5afe3408dc524aa2a9cd29a206aceeee

Certificate ID Number: 5afe3408dc524aa2a9cd29a206aceeee

November 15, 2022



COURSE CERTIFICATE

Mar 30, 2021

DENNIS ASAMOAH DEBRAH

has successfully completed

Initiating and Planning Projects

an online non-credit course authorized by University of California, Irvine and offered through Coursera

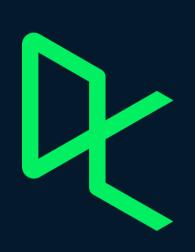


Mayort M Mahi)

Margaret Meloni, MBA, PMP Instructor University of California, Irvine Division of Continuing Education

Verify at coursera.org/verify/QRMTXM6EFVU5

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



#29,365,657

HAS BEEN AWARDED TO

DENNIS ASAMOAH DEBRAH

FOR SUCCESSFULLY COMPLETING

Data Manipulation with dplyr

LENGTH

4 HOURS

COMPLETED ON

JUN 07, 2023



A

Jonathan Cornelissen, CEO



#29,167,787

HAS BEEN AWARDED TO

DENNIS ASAMOAH DEBRAH

FOR SUCCESSFULLY COMPLETING

Intermediate R

LENGTH

6 HOURS

COMPLETED ON

MAY 23, 2023





Jonathan Cornelissen, CEO



#29,159,200

HAS BEEN AWARDED TO

DENNIS ASAMOAH DEBRAH

FOR SUCCESSFULLY COMPLETING

Introduction to R

LENGTH

4 HOURS

COMPLETED ON

MAY 17, 2023



A

Jonathan Cornelissen, CEO



#29,247,183

HAS BEEN AWARDED TO

DENNIS ASAMOAH DEBRAH

FOR SUCCESSFULLY COMPLETING

Introduction to the Tidyverse

LENGTH

4 HOURS

COMPLETED ON

JUN 04, 2023



A

Jonathan Cornelissen, CEO



#29,086,347

HAS BEEN AWARDED TO

DENNIS ASAMOAH DEBRAH

FOR SUCCESSFULLY COMPLETING

Understanding Data Science

LENGTH

2 HOURS

COMPLETED ON

MAY 16, 2023



A

Jonathan Cornelissen, CEO





Certificate in Business Management

This is to certify that

Mr Dennis Asamoah Debrah

Class of 2023

has successfully completed all requisite courses in business management offered by the European School of Management and Technology Berlin in collaboration with the African Institute for Mathematical Sciences, Harvard Business Publishing and the University of Victoria in Canada.

Dr David Sena Attipoe Managing Director ii Africa

4 August 2023

Professor Wulff Plinke Founding Dean ESMT Berlin



CERTIFICATE OF COMPLETION

Presented to

DENNIS ASAMOAH DEBRAH

For successfully completing a free online course

Data Science Foundations

Provided by

Great Learning Academy

(On November 2022)