

Dec 30, 2023

AESHAH Ali BIN KHALIL ALHABUB

has successfully completed

Introduction to Artificial Intelligence (AI)

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

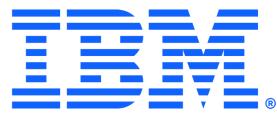
Rav Ahuja
Global Program Director,
Skills Network

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/5TVC6SYTBCUJ>

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



Dec 30, 2023

AESHAH Ali BIN KHALIL ALHABUB

has successfully completed

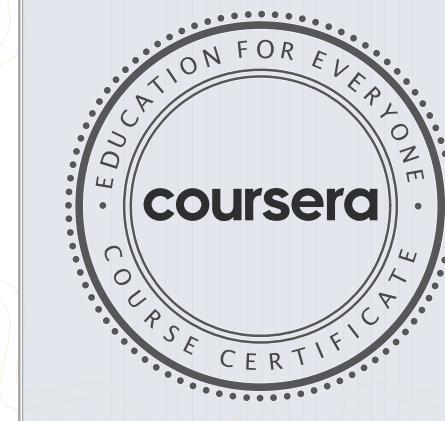
Building AI Powered Chatbots Without
Programming

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:
<https://coursera.org/verify/SVTJWMKVLSGR>

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



Jan 5, 2024

AESHAH Ali BIN KHALIL ALHABUB

has successfully completed

Data Analysis and Visualization

an online non-credit course authorized by University at Buffalo, The State University of New York and offered through Coursera

Peter Baumgartner

BO'Dea

Peter Baumgartner, Operational Excellence Director, UB Center for Industrial Effectiveness (UB TCIE)
Brittany O'Dea, Senior Business Intelligence Analyst, Delaware North

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/8C9YLV3UW6U2>

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



Jan 4, 2024

AESHAH Ali BIN KHALIL ALHABUB

has successfully completed

Applied Analytics and Data for Decision Making

an online non-credit course authorized by University at Buffalo, The State University of New York and offered through Coursera

Akshay Sivadas, Project Engineer, UB Center for Industrial Effectiveness (UB TCIE)
Brittany O'Dea, Senior Business Intelligence Analyst, Delaware North

COURSE CERTIFICATE



Verify at:

<https://coursera.org/verify/A7XNB6C2EJPA>

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



Jan 5, 2024

AESHAH Ali BIN KHALIL ALHABUB

has successfully completed

Data-Driven Process Improvement

an online non-credit course authorized by University at Buffalo, The State University of New York and offered through Coursera

Peter Baumgartner *Akshay Sivadas*

Peter Baumgartner, Operational Excellence Director, UB Center for Industrial Effectiveness (UB TCIE)
Akshay Sivadas, Project Engineer, UB TCIE

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/HHYM78T87W6T>

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



UNIVERSITY
OF LONDON

Dec 30, 2023

AESHAH Ali BIN KHALIL ALHABUB

has successfully completed

Machine Learning for All

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

Prof Marco Gillies
Computing Department,
Goldsmiths, University of London

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/CTJ5SRP49YMR>

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



Feb 29, 2024

AESHAH Ali BIN KHALIL ALHABUB

has successfully completed

Machine Learning Foundations: A Case Study Approach

a MOOC from the University of Washington and offered through Coursera



Two handwritten signatures are shown side-by-side. The signature on the left is "Emily Fox" and the signature on the right is "Carlos Guestrin".

Emily Fox
Amazon Professor of Machine Learning
Statistics

Carlos Guestrin
Amazon Professor of Machine Learning
Computer Science and Engineering

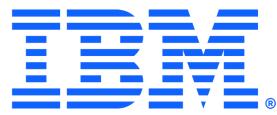
COURSE CERTIFICATE



Verify at:

<https://coursera.org/verify/GN5W2LFR84K2>

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



Jan 4, 2024

AESHAH Ali BIN KHALIL ALHABUB

has successfully completed

Introduction to Data Engineering

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

Rav Ahuja
Global Program Director,
Skills Network

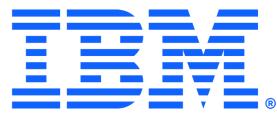
Priya Kapoor
Senior Instructional Designer & Content Developer
Skill-up Technologies

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/64TZJ79HWKPH>

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



Feb 29, 2024

AESHAH Ali BIN KHALIL ALHABUB

has successfully completed

Python Project for Data Engineering

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

Ramesh Sannareddy Joseph Santarcangelo Abhishek Gagneja

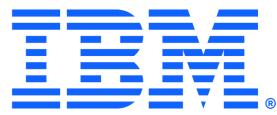
Ramesh Sannareddy
Joseph Santarcangelo
Abhishek Gagneja

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/FRVVRJRTDF25>

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



Mar 1, 2024

AESHAH Ali BIN KHALIL ALHABUB

has successfully completed

Introduction to Relational Databases (RDBMS)

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



Lin Joyner, Rav Ahuja, Rose Malcolm, Sandip Saha Joy

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/HFJE4CUELHJJ>

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



Dec 2, 2023

AESHAH Ali BIN KHALIL ALHABUB

has successfully completed

Python for Data Science, AI & Development

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

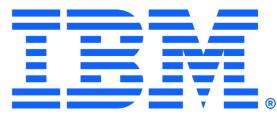
Joseph Santarcangelo
Senior Data Scientist
IBM

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/NQW36XQMCQDN>

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



Mar 11, 2024

AESHAH Ali BIN KHALIL ALHABUB

has successfully completed with honors

Databases and SQL for Data Science with Python

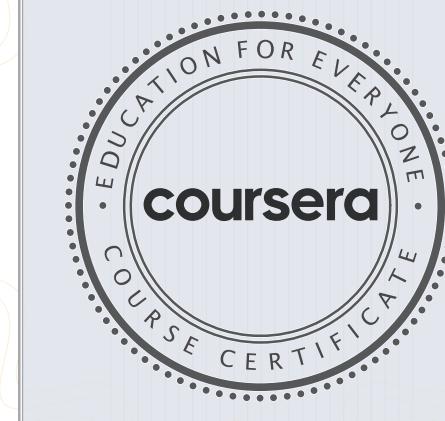
an online non-credit course authorized by IBM and offered through Coursera

Rav Ahuja
Global Program Director,
Skills Network

Hima Vasudevan
IBM

COURSE CERTIFICATE

WITH HONORS



Verify at:
<https://coursera.org/verify/5LSE3YSGN9KU>

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



Jan 3, 2024

AESHAH Ali BIN KHALIL ALHABUB

has successfully completed

Data Visualization with Python

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

Saishruthi

Saishruthi Swaminathan
Data Scientist
IBM CODAIT

Pooja

Dr. Pooja
Instructor and Subject Matter Expert
Skill-Up Technologies

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/7UWAD79D23UV>

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



JOHNS HOPKINS
UNIVERSITY

Mar 22, 2024

AESHAH Ali BIN KHALIL ALHABUB

has successfully completed

Advanced Linear Models for Data Science 2: Statistical Linear Models

an online non-credit course authorized by Johns Hopkins University and offered through
Coursera



Brian Caffo, PhD, MS
Department of Biostatistics
Johns Hopkins Bloomberg School of Public Health

COURSE CERTIFICATE

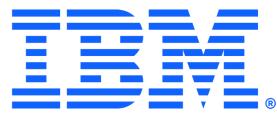


Verify at:

coursera.org/verify/9DC6DW96CDYE

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participation in the course.

This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University. It does not confer a JHU grade, course credit or degree; establish a relationship between this learner and JHU; enroll or register this learner at JHU or in any course offered by JHU; or entitle this learner to access or use resources beyond the online courses provided by Coursera.



Feb 29, 2024

AESHAH Ali BIN KHALIL ALHABUB

has successfully completed

Machine Learning with Python

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

Saeed Aghabozorgi
Sr. Data Scientist
IBM

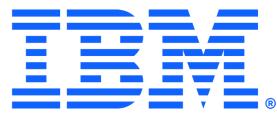
Joseph Santarcangelo
Senior Data Scientist
IBM

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/9EQZ2R8C6Q3G>

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



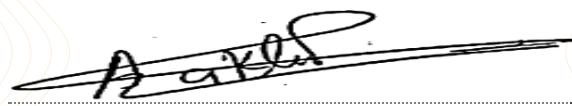
Nov 26, 2023

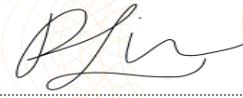
AESHAH Ali BIN KHALIL ALHABUB

has successfully completed

Data Science Methodology

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:
<https://coursera.org/verify/9J54MRLWJ4P9>

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



JOHNS HOPKINS
UNIVERSITY

Feb 29, 2024

AESHAH Ali BIN KHALIL ALHABUB

has successfully completed

Advanced Linear Models for Data Science 1: Least
Squares

an online non-credit course authorized by Johns Hopkins University and offered through
Coursera



Brian Caffo, PhD, MS
Department of Biostatistics
Johns Hopkins Bloomberg School of Public Health

COURSE CERTIFICATE



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Dec 2, 2023

AESHAH Ali BIN KHALIL ALHABUB

has successfully completed

Python for Data Science, AI & Development

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

Joseph Santarcangelo
Senior Data Scientist
IBM

COURSE CERTIFICATE



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<https://coursera.org/verify/NQW36XQMCQDN>

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



Dec 2, 2023

AESHAH Ali BIN KHALIL ALHABUB

has successfully completed

Python for Data Science, AI & Development

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

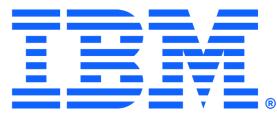
Joseph Santarcangelo
Senior Data Scientist
IBM

COURSE CERTIFICATE



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<https://coursera.org/verify/NQW36XQMCQDN>

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



Feb 28, 2024

AESHAH Ali BIN KHALIL ALHABUB

has successfully completed

Data Analysis with Python

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

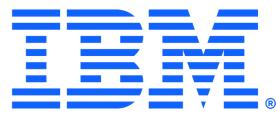
Joseph Santarcangelo
Senior Data Scientist
IBM

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/QEMW5NYY5UAG>

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



Nov 7, 2023

AESHAH Ali BIN KHALIL ALHABUB

has successfully completed

What is Data Science?

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

Rav Ahuja
Global Program Director,
Skills Network

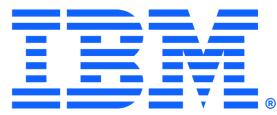
Alex Aklson, Ph.D.
Data Scientist

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/TC55EJ75U9AW>

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



Nov 26, 2023

AESHAH Ali BIN KHALIL ALHABUB

has successfully completed

Tools for Data Science

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



Maureen McElaney
Romeo Kienzler
Svetlana Levitan

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/XNYW93USYEKA>

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



CERTIFICATE OF COMPLETION OF A LEARNING PATHWAY

:Saudi Digital Academy (SDA) acknowledges that

AESHAH ALI BIN KHALIL ALHABUB

Has completed the learning pathway Data Science - Level 1 after passing all courses
During the period of 2023-10-01 to 2024-01-22

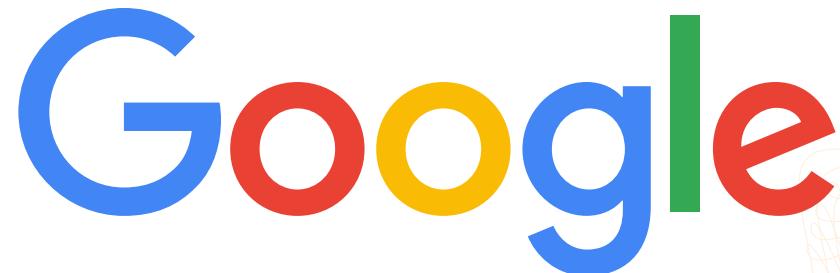
CEO, SAUDI DIGITAL
ACADEMY

Mohammed Alsuhaim

CEO, COURSERA

Jeff Maggioncalda





Jul 25, 2023

Aeshah Ali Alhabub

has successfully completed

Prepare Data for Exploration

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

A handwritten signature of Amanda Brophy is placed here.

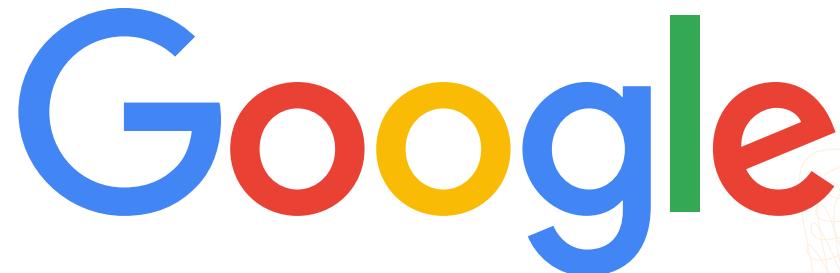
Amanda Brophy
Global Director of Google Career Certificates

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/75MVULPYGZN3>

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



Jul 20, 2023

Aeshah Ali Alhabub

has successfully completed

Ask Questions to Make Data-Driven Decisions

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

A handwritten signature of Amanda Brophy is placed here.

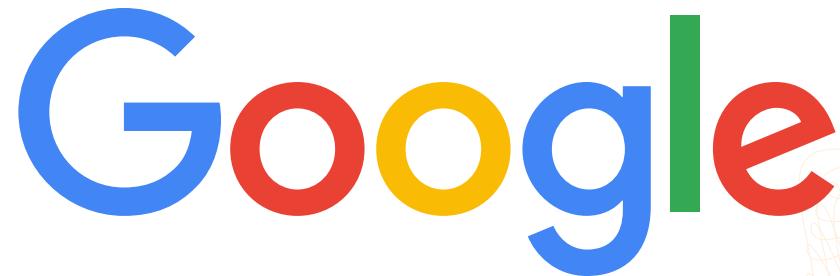
Amanda Brophy
Global Director of Google Career Certificates

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/862PWCMF59SU>

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



Aug 2, 2023

Aeshah Ali Alhabub

has successfully completed

Process Data from Dirty to Clean

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

A handwritten signature of Amanda Brophy is placed over a dotted line.

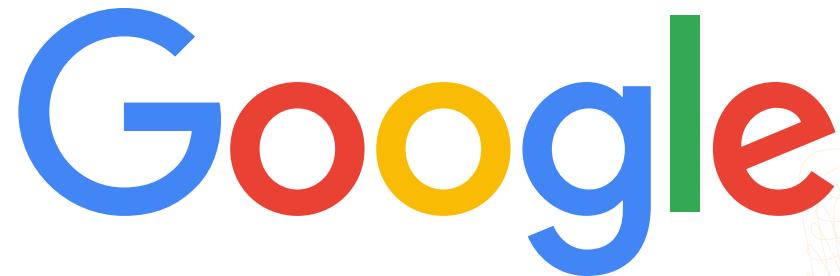
Amanda Brophy
Global Director of Google Career Certificates

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/BLVU92P6WSZH>

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



Aug 12, 2023

Aeshah Ali Alhabub

has successfully completed

Analyze Data to Answer Questions

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

A handwritten signature of Amanda Brophy is placed over a dotted line.

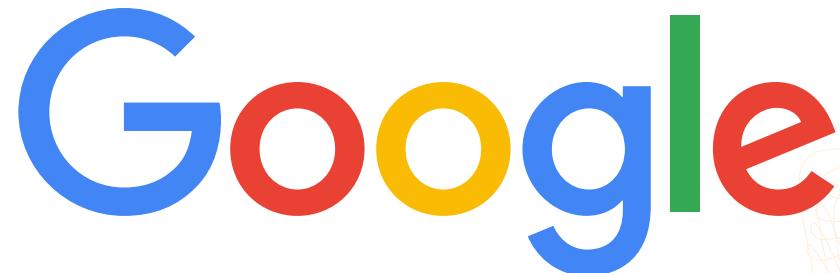
Amanda Brophy
Global Director of Google Career Certificates

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/CB79WRB86YXZ>

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



Aug 14, 2023

Aeshah Ali Alhabub

has successfully completed

Data Analysis with R Programming

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

A handwritten signature of Amanda Brophy is placed here.

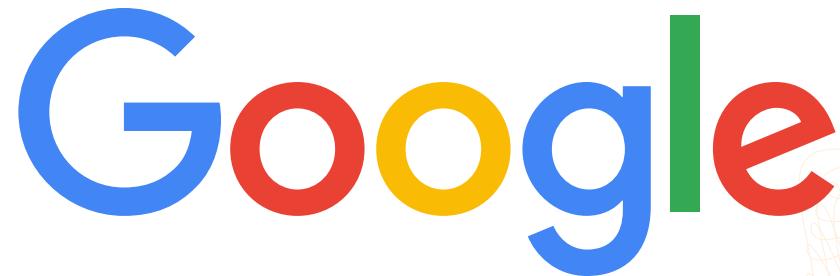
Amanda Brophy
Global Director of Google Career Certificates

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/DM3MP6PNJTZU>

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



Aug 12, 2023

Aeshah Ali Alhabub

has successfully completed

Share Data Through the Art of Visualization

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

A handwritten signature of Amanda Brophy is placed over a dotted line.

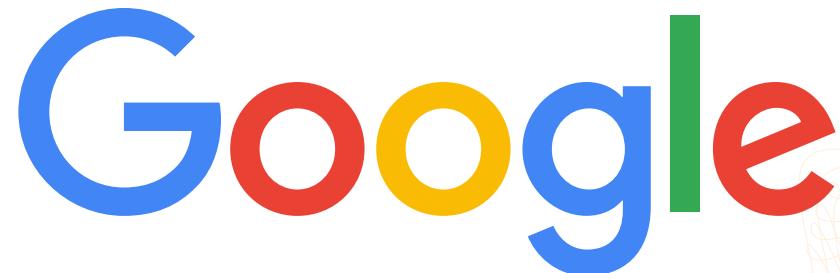
Amanda Brophy
Global Director of Google Career Certificates

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/GWXU7CWDQZ7N>

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



Mar 18, 2023

Aeshah Ali Alhabub

has successfully completed

Foundations: Data, Data, Everywhere

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

A handwritten signature of Amanda Brophy is placed here.

Amanda Brophy
Global Director of Google Career Certificates

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/RAVXZEBLD4W>

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



University of Colorado

Boulder | Colorado Springs | Denver | Anschutz Medical Campus

Jan 3, 2024

AESHAH Ali BIN KHALIL ALHABUB

has successfully completed

Design and Build a Data Warehouse for Business Intelligence Implementation

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

Professor Michael Mannino
Information Systems Program
Business School
University of Colorado Denver

Jahangir Karimi
Professor
Data Warehousing for Business Intelligence

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/VW2WLJNSQTLB>

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



8 Courses

Foundations: Data, Data, Everywhere

Ask Questions to Make Data-Driven Decisions

Prepare Data for Exploration

Process Data from Dirty to Clean

Analyze Data to Answer Questions

Share Data Through the Art of Visualization

Data Analysis with R Programming

Google Data Analytics Capstone: Complete a Case Study



Aug 14, 2023

Aeshah Alhabub

has successfully completed the online, non-credit Professional Certificate

Google Data Analytics

Those who earn the Google Data Analytics Professional Certificate have completed eight courses, developed by Google, that include hands-on, practice-based assessments and are designed to prepare them for introductory-level roles in Data Analytics. They are competent in tools and platforms including spreadsheets, SQL, Tableau, and R. They know how to prepare, process, analyze, and share data for thoughtful action.

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.

Verify this certificate at:

<https://coursera.org/verify/profession-al-cert/GWY7JNL3QWHZ>