



6 Courses

Machine Learning with Python

Introduction to Deep Learning & Neural Networks with Keras

Introduction to Computer Vision and Image Processing

Introduction to Neural Networks and PyTorch

Deep Learning with Keras and Tensorflow

AI Capstone Project with Deep Learning



Mar 9, 2022

## RUTVIK MUKESHBHAI SAVALIYA

has successfully completed the online, non-credit Professional Certificate

Rav Ahuja  
AI & Data Science  
Program Director  
IBM Skills Network

# IBM AI Engineering

Learners who have completed this 6 course Professional Certificate have a practical understanding of Machine Learning (ML) & Deep Learning (DL). They have technical skills to start a career in AI Engineering, and can:

- Implement ML algorithms including Classification, Regression, Clustering, and Dimensional Reduction using `scipy` & `scikitlearn`
- Perform ML on Big Data and deploy ML Algorithms and Pipelines on Apache Spark
- Demonstrate understanding of Deep Learning models such as autoencoders, restricted Boltzmann machines, convolutional networks, recursive neural networks, and recurrent networks
- Build deep learning models and neural networks using Keras, PyTorch and Tensorflow libraries
- Demonstrate ability to present and communicate outcomes of deep learning 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.

Verify this certificate at:  
<https://coursera.org/verify/profession-al-cert/WJUF6VAHLU8G>

# UC San Diego

Sep 3, 2020

## RUTVIK MUKESHBHAI SAVALIYA

has successfully completed

### Algorithmic Toolbox

an online non-credit course authorized by University of California San Diego and offered through Coursera



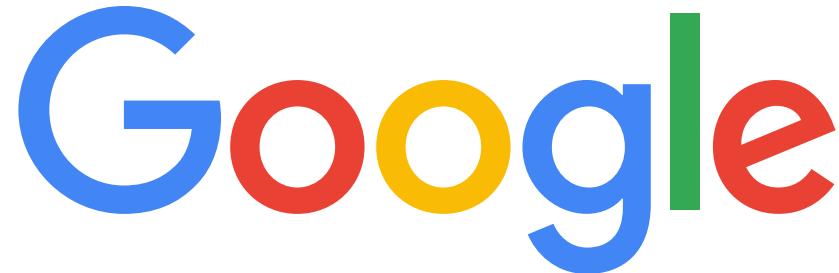
Alexander S. Kulikov, Visiting Professor; Michael Levin, Associate Professor; Neil Rhodes, Adjunct Faculty; Pavel A. Pevzner, Ronald R. Taylor Distinguished Professor of Computer Science, Director, NIH Center for Computational Mass Spectrometry; Daniel M Kane, Assistant Professor, Computer Science and Engineering at the University of California, San Diego

### COURSE CERTIFICATE



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



Jan 13, 2022

## RUTVIK MUKESHBHAI SAVALIYA

has successfully completed

Using Python to Interact with the Operating  
System

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

**Google**

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Google

## COURSE CERTIFICATE



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Jan 3, 2022

## RUTVIK MUKESHBHAI SAVALIYA

has successfully completed

Crash Course on Python

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

**Google**

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Google

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# Certificate of Completion

**Rutvik Savaliya**

successfully completed

**Amazon Simple Storage Service (Amazon S3) Storage Classes Deep Dive**

on

2/5/2025



# Certificate of Completion

**Rutvik Savaliya**

successfully completed

**Introduction to Amazon Athena**

on

2/14/2025



# Certificate of Completion

**Rutvik Savaliya**

successfully completed

**Amazon Redshift Getting Started**

on

2/13/2025



# Certificate of Completion

**Rutvik Savaliya**

successfully completed

**Amazon EMR Getting Started**

on

2/6/2025



# Certificate of Completion

**Rutvik Savaliya**

successfully completed

**AWS Glue Getting Started**

on

2/12/2025



# Certificate of Completion

**Rutvik Savaliya**

successfully completed

**Introduction to Amazon SageMaker**

on

2/4/2025