



Nov 5, 2020

# KUNAL MALHOTRA

has successfully completed

## Basic Artificial Neural Networks in Python

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

*Charles Niswander*

Charles Ivan Niswander II  
Subject Matter Expert  
Freedom Learning Group

### COURSE CERTIFICATE



Verify at [coursera.org/verify/PSDNUXX2CHM8](https://coursera.org/verify/PSDNUXX2CHM8)

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



Nov 5, 2020

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## Build Data Analysis tools using R and DPLYR

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

A handwritten signature in black ink that reads "Chris Shockley".

Chris Shockley  
Rhyme Instructor

### COURSE CERTIFICATE



Verify at [coursera.org/verify/9MGNVQZNNFEG](https://coursera.org/verify/9MGNVQZNNFEG)

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Oct 31, 2020

# KUNAL MALHOTRA

has successfully completed

## Create Interactive Dashboards with Streamlit and Python

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

A black ink signature of Snehan Kekre.

Snehan Kekre  
Instructor  
Machine Learning and Data Science

### COURSE CERTIFICATE



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Nov 6, 2020

**KUNAL MALHOTRA**

has successfully completed

**Data Analysis Using Pyspark**

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

A handwritten signature in black ink, appearing to read "Ahmad", with a horizontal line underneath.

Ahmad Varasteh  
Data Mining and Machine Learning Instructor

**COURSE  
CERTIFICATE**



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





Nov 5, 2020

**KUNAL MALHOTRA**

has successfully completed

**Data Visualization with Plotly Express**

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

A handwritten signature in black ink, appearing to read "Snehan Kekre".

Snehan Kekre  
Instructor  
Machine Learning and Data Science

**COURSE  
CERTIFICATE**



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Oct 31, 2020

**KUNAL MALHOTRA**

has successfully completed

**Getting Started with Power BI Desktop**

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

A handwritten signature in black ink, reading "Amit Yadav".

Amit Yadav  
Instructor  
Machine Learning and Data Science

**COURSE  
CERTIFICATE**



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Oct 31, 2020

KUNAL MALHOTRA

has successfully completed

Introduction to Python

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

*David Dalsveen*

David Dalsveen  
Subject Matter Expert  
Freedom Learning Group

COURSE  
CERTIFICATE



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Oct 31, 2020

**KUNAL MALHOTRA**

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**Linear Regression with NumPy and Python**

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

A handwritten signature in black ink, appearing to read "Snehan", positioned above a dotted line.

Snehan Kekre  
Instructor  
Machine Learning and Data Science

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/T8XZD7XQ8XCA](https://coursera.org/verify/T8XZD7XQ8XCA)

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participation in the course.





Nov 5, 2020

# KUNAL MALHOTRA

has successfully completed

## Logistic Regression with NumPy and Python

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

A stylized black ink signature of Snehan Kekre.

Snehan Kekre  
Instructor  
Machine Learning and Data Science

### COURSE CERTIFICATE



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Oct 31, 2020

# KUNAL MALHOTRA

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## Merge, Sort and Filter Data in Python Pandas

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

*David Dalsveen*

David Dalsveen  
Subject Matter Expert  
Freedom Learning Group

### COURSE CERTIFICATE



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Oct 31, 2020

# KUNAL MALHOTRA

has successfully completed

## Mining Data to Extract and Visualize Insights in Python

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

*Nikunj Maheshwari*

Nikunj Maheshwari  
Data Scientist

### COURSE CERTIFICATE



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



Nov 6, 2020

# KUNAL MALHOTRA

has successfully completed

## Predict Future Product Prices Using Facebook Prophet

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

A handwritten signature in black ink that reads "Ryan Ahmed".

Ryan Ahmed  
Adjunct Professor

### COURSE CERTIFICATE



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Nov 5, 2020

**KUNAL MALHOTRA**

has successfully completed

**Principal Component Analysis with NumPy**

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

A handwritten signature in black ink, appearing to read "Snehan Kekre".

Snehan Kekre  
Instructor  
Machine Learning and Data Science

**COURSE  
CERTIFICATE**



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**KUNAL MALHOTRA**

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**Visualizing Citibike Trips with Tableau**

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

A handwritten signature in black ink, reading "Amit Yadav".

Amit Yadav  
Instructor  
Machine Learning and Data Science

**COURSE  
CERTIFICATE**



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