



Certificate of Completion

This certifies that

Aaliyah Providence

Successfully completed
Machine Learning in Python

Issued by

A handwritten signature in black ink, appearing to read 'Gerold Baier', is written over a light blue grid background.

Dr Gerold Baier, UCL,
on behalf of LearnToDiscover.ai

*London,
14 November 2023*

This involved 60 hours of learning covering:

Classification

Basic Concepts * Supervised Learning * scikit-learn *
Random Forest * Classifier Types * Scoring * Cross-
validation * Hyperparameter Tuning

Unsupervised Learning

Introduction to Clustering * Gaussian Mixture Models *
Kmeans * Dimensionality Reduction * Principal
Component Analysis

Final Project

<https://learntodiscover.ai>

Online Training for Biomedical Research