



Data Science Online Course

Full-Time (20 Weeks)

In partnership with:

// FLATIRON SCHOOL

Africa's top Tech Bootcamp - Moringa has partnered with Flatiron School, to offer a 24-week Data Science Course (Full-Time).

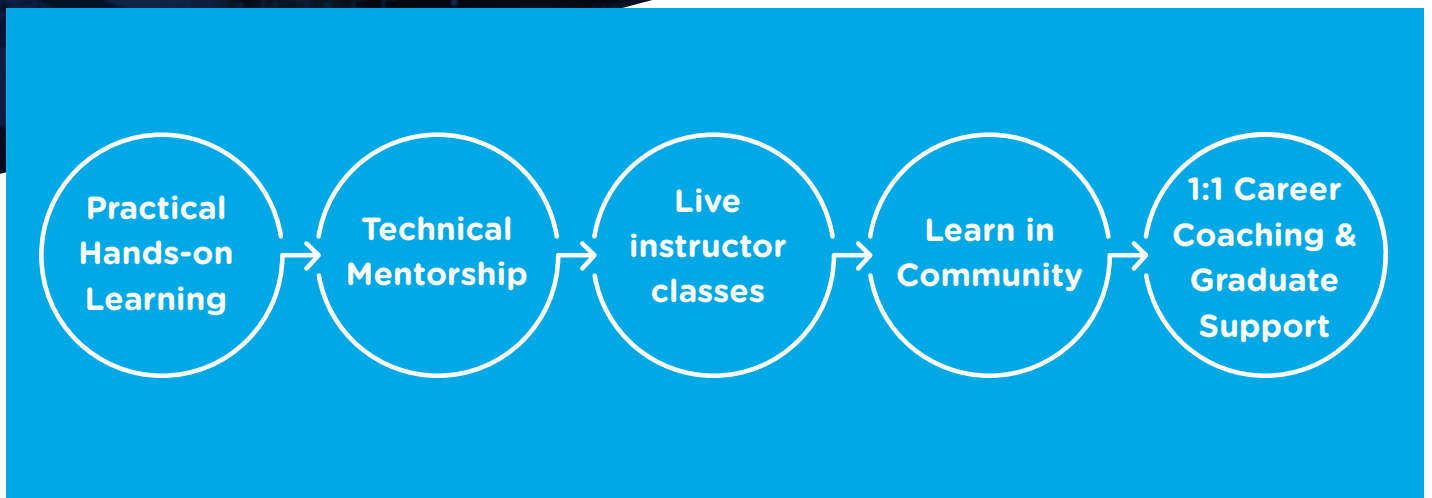
Introduction

Data Science is an interdisciplinary field that deploys algorithms, and other scientific methods and processes to acquire insights and knowledge from data. Many industries are now leveraging data to monitor behaviors and trends. Data Scientists are equipped with the knowledge of how to use data, tell a story, and derive insights for businesses. Did you know that Data Science Jobs are among the most sought-after roles in this century? Take the chance and learn Data Science.

This course is for those who are curious and want to work with Data to:

- Help businesses leverage data for innovation and success
- Innovate and predict future trends in business and other industries
- Learn how to analyze data, and provide data-driven insights to make decisions
- Elevate their careers or switch to Data Science in as little as 20 weeks

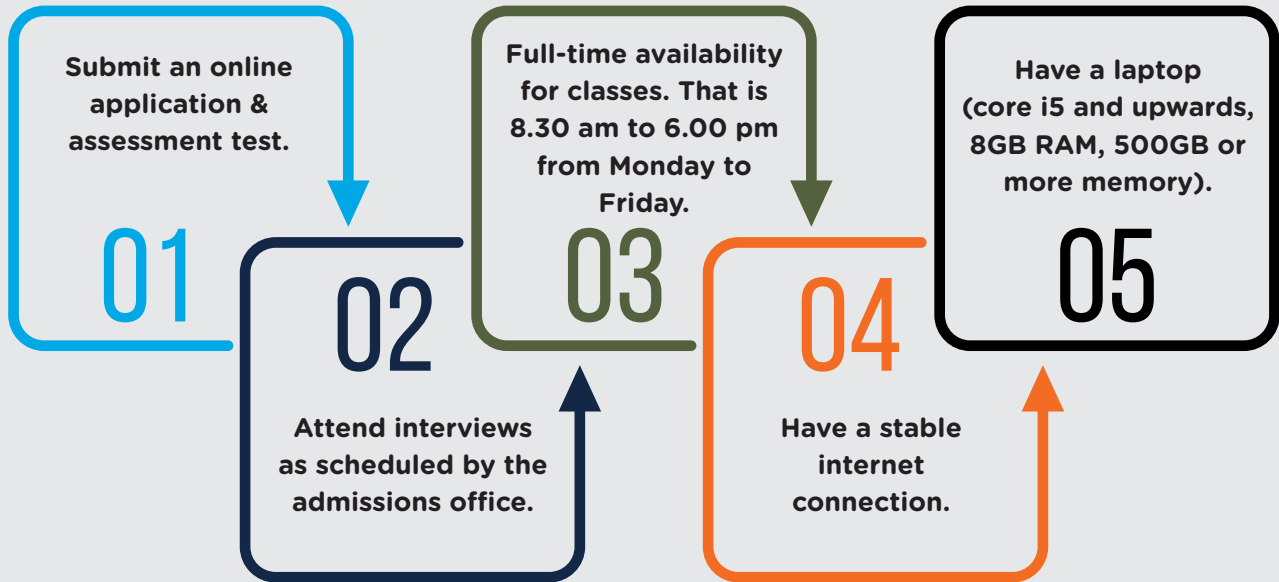
Why Study At Moringa?



Become a Certified Data Scientist with access to 12 months of Graduate Support to land your next career opportunity in Tech.

Who is eligible to join our Data Science Course?

This course is offered to those who are above 18 years, are ongoing or have completed university/college in any field, and have some knowledge or background in maths & statistics.



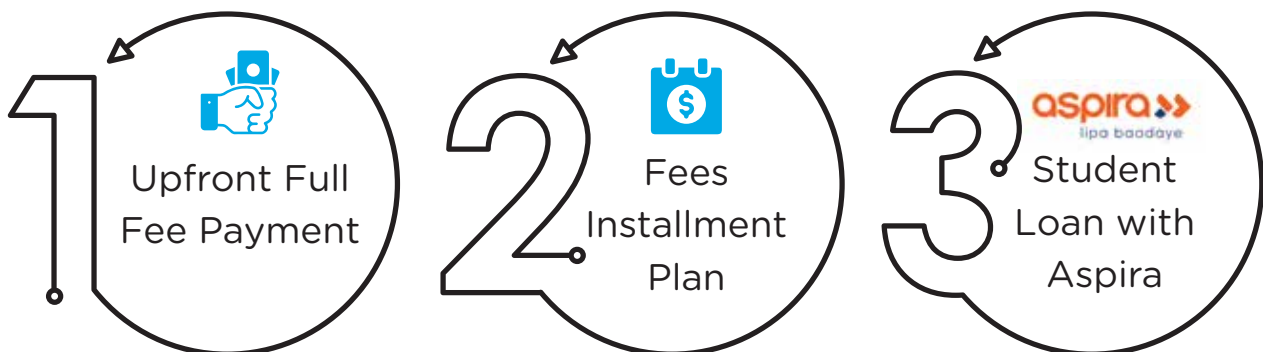
Course Overview

Duration - 24 weeks

Mode - Live & Online | Mon to Fri from 8 am - 5 pm

Tuition Fees - Ksh 174,000

Fee Payment Options Available



Curriculum Outline

Phase 0

Orientation, Pre Work and Introduction to Data Science Principles

During orientation, you learn more about Moringa, our policies, learning model, learning platform, classroom structure, and learning schedule.

The Data Science pre-work covers introductory Data Science concepts, Software Engineering Principles, and python programming.

Phase 1

Data Analysis & Engineering

In this phase, students will be introduced to python for Data Science. You'll learn how to use Jupyter Notebooks and be familiarized with popular Python libraries used in Data Science such as Numpy and Pandas.

Phase 2

Data Analysis & Engineering

In this phase, students will be introduced to python for Data Science. You'll learn how to use Jupyter Notebooks and be familiarized with popular Python libraries used in Data Science such as Numpy and Pandas.

Soft Skills Training

What is covered: Leading self and Working with others.

**Flexible & Affordable Student
Loans now available powered by**



Curriculum Outline

Phase 3

Machine Learning Fundamentals

Students learn about machine learning with a heavy focus on supervised learning. Learners get into regression analysis and logistic regression. At the end of this phase, students will be able to build and implement the most important machine-learning techniques.

Health Break

Soft Skills Training

What is covered: Project Management and Career Readiness

Phase 4

Advanced Machine Learning

This phase of the course focuses on a variety of Data Science techniques. Students learn about unsupervised learning techniques like clustering and dimensionality reduction. Students are introduced to threading and multiprocessing to be able to work with big data. In doing so, you'll learn about PySpark and AWS, Deep Learning, Neural Networks, and how to perform sentiment analysis.

Phase 5

Final Data Science Projects

In your final project, learners work individually or in groups to apply the technical and soft skills training and knowledge. Students are required to create a large scale data science and/or machine learning project. This final project provides an in-depth opportunity for you to demonstrate your learning accomplishments.

What Our Graduates Say



Moringa school helped me in so many ways, but I think the most important one is the Data Science pipeline (in a nutshell). I am now able to do analysis projects with ease. I am now working for Eneza Education, an ed-tech company as a Business Intelligence Engineer. Yes! I would suggest the course to anyone who would want to pursue Data Science.



Cecilia Wanja,
Eneza Education

Contact Details



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