DATA SCIENCE CAREER PATH

Data Science

Data science is one of the new fields in most of the industries in Kenya currently. I learned this from one of the Moringa school Alumni who did Data Science and he is one of the best in industry right now. After a wide research I decided to join Moringa school to learn data science in order to be very competitive in the market since I was unable the complete my degree due to lack of finance. So, after applying for scholarship in moringa school…..BOOM here am.

Why Moringa School

Moringa school is one of the best schools that offer data science right now in Kenya I can say.

It's the best for me so far.

Data science journey

I am very sure that the data science (studies) journey won't be that easy as I thought before joining moringa.

But alongside this I know that I have my friends and my mentors who will push me through the journey.

After Moringa school (Future)

After completing moringa school I know I will be very job ready market,so I expect to build my cv and join the team who are solving problems in this Kenya right now.I long to be among the team.

Best Mentors (General Mentors)

Mel Robbins – **Best** Selling Author. ...

Peter Diamandis – Entrepreneur, Futurist. ...

Aubrey Marcus – Author, Entrepreneur, CEO Onnit. ...

Jesse Itzler – Author, Entrepreneur. ...

Tim Ferriss – **Best** Selling Author. ...

Data Science Career paths

1. Data Scientist

Find, clean, and organize data for companies. Data scientists will need to be able to analyze large amounts of complex raw and processed information to find patterns that will benefit an organization and help drive strategic business decisions. data scientists are much more technical.

2. Machine Learning Engineer

Machine learning engineers create data funnels and deliver software solutions. They typically need strong statistics and programming skills, as well as a knowledge of software engineering. In addition to designing and building machine learning systems, they are also responsible for running tests and experiments to monitor the performance and functionality of such systems.

3. Machine Learning Scientist

Research new data approaches and algorithms to be used in adaptive systems including supervised, unsupervised, and deep learning techniques. Machine learning scientists often go by titles like Research Scientist or Research Engineer.

4. Applications Architect

Track the behavior of applications used within a business and how they interact with each other and with users. Applications architects are focused on designing the architecture of applications as well, including building components like user interface and **infrastructure.**

5. Enterprise Architect

An enterprise architect is responsible for aligning an organization's strategy with the technology needed to execute its objectives. To do so, they must have a complete understanding of the business and its technology needs in order to design the systems architecture required to meet those needs.

6. Data Architect

Ensure data solutions are built for performance and design analytics applications for multiple platforms. In addition to creating new database systems, data architects often find ways to improve the performance and functionality of existing systems, as well as working to provide access to database administrators and analysts.

7. Infrastructure Architect

Oversee that all business systems are working optimally and can support the development of new technologies and system requirements. A similar job title is Cloud Infrastructure Architect, which oversees a company's cloud computing strategy.

8. Data Engineer

Perform batch processing or real-time processing on gathered and stored data. Data engineers are also responsible for building and maintaining data pipelines which create a robust and interconnected data ecosystem within an organization, making information accessible for data scientists.

9. Business Intelligence (BI) Developer

BI developers design and develop strategies to assist business users in quickly finding the information they need to make better business decisions. Extremely data-savvy, they use BI tools or develop custom BI analytic applications to facilitate the end-users' understanding of their systems.

10. Statistician

Statisticians work to collect, analyze, and interpret data in order to identify trends and relationships which can be used to inform organizational decision-making. Additionally, the daily responsibilities of statisticians often include design data collection processes, communicating findings to stakeholders, and advising organizational strategy.

11. Data Analyst

Transform and manipulate large data sets to suit the desired analysis for companies. For many companies, this role can also include tracking web analytics and analyzing A/B testing. Data analysts also aid in the decision-making process by preparing reports for organizational leaders which effectively communicate trends and insights gleaned from their analysis.