





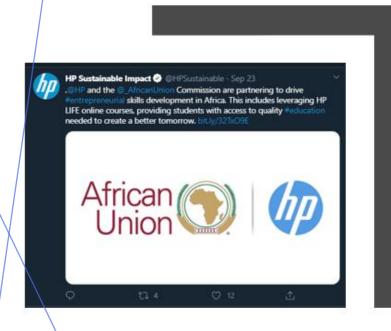




Mostafa Nabieh









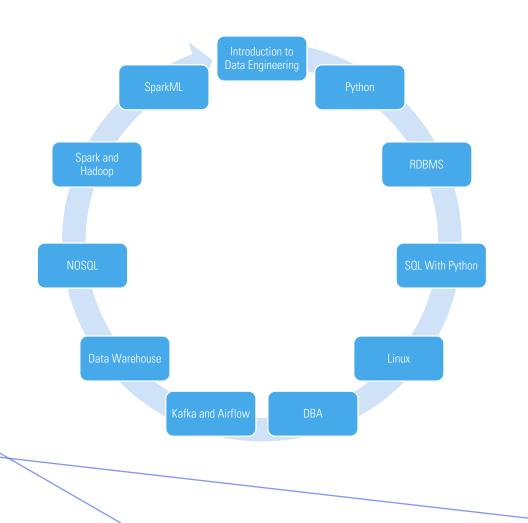








DATA ENGINEERING





INTRODUCTION TO DATA ENGINEERING



What is Data Engineering



Big Data Ecosystem



Data Engineering Lifecycle and Security



Career Opportunities and Data Engineering in Action

PYTHON



BASICS



DATA STRUCTURES



FUNDAMENTALS AND OOP



WORKING WITH DATA



APIS, AND DATA COLLECTION

RELATIONAL DATABASES (RDBMS)



Relational Database Concepts



Using Relational Databases



MySQL and PostgreSQL

SQL WITH PYTHON

Getting Started with SQL

Introduction to Relational Databases and Tables

Intermediate SQL

Accessing Databases using Python

Advanced SQL for Data Engineering

LINUX COMMANDS AND SHELL



Common Linux



Shell Scripting



Bash Scripting



Scheduling Jobs

RELATIONAL DATABASE ADMINISTRATION (DBA)



Database Management



Backup and Restore Databases



Monitoring and Optimization



Troubleshooting & Automation

ETL AND DATA PIPELINES

ETL and ELT

Data Pipelines

Data Pipelines using Airflow

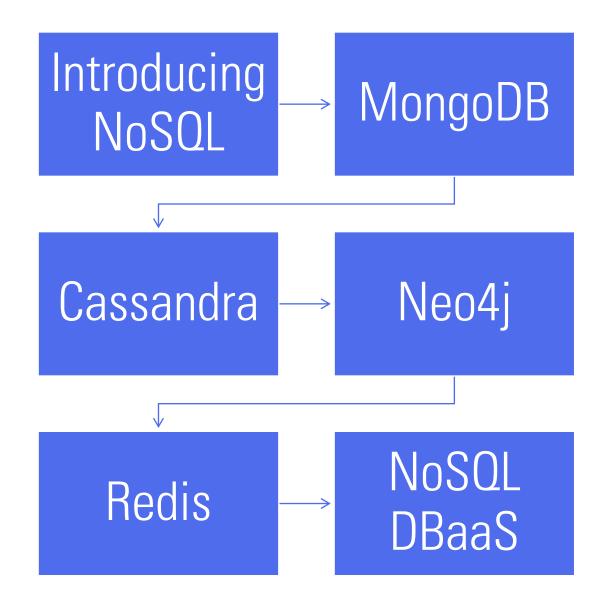
Apache Kafka to build Pipelines for Streaming Data

DATA WAREHOUSING

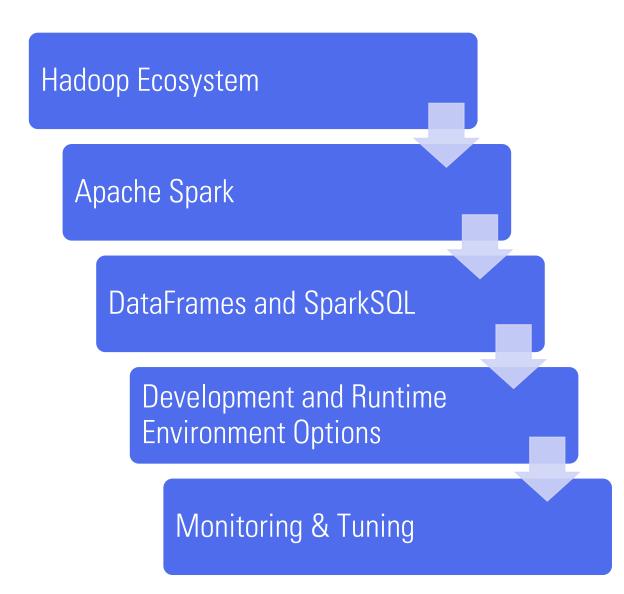
Data Warehouses

Designing, Modeling and Data Warehouses

Data Warehouse Analytics NOSQL



SPARK AND HADOOP



SPARKML.

Spark for Data Engineering

SparkML





Problems Solving

Projects





Articles

REFERENCES

Huawei Medium Towards Data Science Data-flair Documentations

READY!!



Work Smart



Have fun



Make History

ASK ME ANY QUESTIONS

- WhatsApp only +201015197566
- LinkedIn: https://www.linkedin.com/in/mostafanabieh/
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