



INSI

Syllabus de la Formation Data Engineer

Aucune description

Niveau : Avancée

Prix : à partir de 0,00 Ar HT

Durée : jours | heures

Place : personnes

Sessions

Objectifs de cette formation

Programmes de cette formation

- - Data Engineering Foundation
 - DATA ENGINEERING INTRODUCTION
 - DATA SOURCES AND DATA IMPORT
 - DATA PROCESSING
 - DATA ENGINEERING PROJECT

- - Python Foundation
 - PYTHON BASICS
 - PYTHON CONTROL STATEMENTS
 - PYTHON DATA STRUCTURES
 - PYTHON FUNCTIONS
 - PYTHON NUMPY PACKAGE
 - PYTHON PANDAS PACKAGE

- - Data Science Foundation
 - DATA SCIENCE ESSENTIALS
 - DATA ENGINEERING FOUNDATION
 - PYTHON FOR DATA SCIENCE
 - PYTHON FOR DATA SCIENCE
 - R LANGUAGE ESSENTIALS
 - STATISTICS
 - MACHINE LEARNING INTRODUCTION

- - Version Control with Git
 - GIT INTRODUCTION
 - GIT REPOSITORY and GitHub
 - COMMITS, PULL, FETCH AND PUSH

- TAGGING, BRANCHING AND MERGING
- UNDOING CHANGES
- GIT WITH GITHUB AND BITBUCKET
- - Big Data Foundation
 - BIG DATA INTRODUCTION
 - HDFS AND MAP REDUCE
 - PYSPARK FOUNDATION
 - SPARK SQL and HADOOP HIVE
 - MACHINE LEARNING WITH SPARK ML
 - KAFKA and Spark
- - Certified BI Analyst
 - BUSINESS INTELLIGENCE INTRODUCTION
 - BI WITH TABLEAU: INTRODUCTION
 - TABLEAU: CONNECTING TO DATA SOURCE
 - TABLEAU : BUSINESS INSIGHTS
 - DASHBOARDS, STORIES AND PAGES
 - BI WITH POWER-BI
- - Database: SQL and MongoDB
 - DATABASE INTRODUCTION
 - SQL BASICS
 - DATA TYPES AND CONSTRAINTS
 - DATABASES AND TABLES (MySQL)
 - SQL JOINS
 - SQL COMMANDS AND CLAUSES

- DOCUMENT DB/NO-SQL DB
- - Data Engineering Associate
 - DATA WAREHOUSE FOUNDATION
 - DOCKER FOUNDATION
 - KUBERNETES CONTAINER ORCHESTRATION
 - DATA ORCHESTRATION WITH APACHE AIRFLOW
 - DATA ENGINEERING PROJECT
- - Data Engineering on AWS Cloud
 - AWS DATA SERVICES INTRODUCTION
 - DATA INGESTION USING AWS LAMBDA
 - DATA PREPARATION WITH AWS GLUE
 - SPARK APP USING AWS EMR
 - DATA PIPELINE WITH AWS KINESIS
 - DATA WAREHOUSE WITH AWS REDSHIFT
 - DATA ENGINEERING PROJECT
- - Data Engineering on Azure Cloud
 - AZURE DATA SERVICES INTRODUCTION
 - STORAGE IN AZURE
 - DATA PIPELINE WITH AZURE SYNAPSE
 - DATA ENGINEERING PROJECT WITH AZURE