

Big Data Technologies

Agenda

- Introduction
- Big Data -- Overview
- Hadoop -- Introduction

Introduction

- Syllabus:
 - Overview
 - Hadoop
 - Hive
 - Spark
 - Kafka
 - HBase
 - Airflow
 - Optional: Sqoop, Flume
- Schedules:
 - Lecture: 8.00 am to 1.00 pm
 - Lab: 2.00 pm to 7.00 pm
- Pre-requisites:
 - Linux
 - Java: Class and Object, Inheritance, Interface, Generics, IO Streams, Basic collections, JDBC, Functional programming, etc.
 - Python
 - SQL queries: CRUD, Joins, ...