**BigData\_Lesson2: Hadoop Map Reduce and HDFS**

**Lesson Overview:**

In this lesson, we are going to discuss about Hadoop MapReduce and Hadoop Distributed File System (HDFS)

**Use case Description:**

A screenshot of a cell phone

Description generated with high confidence

Counting the frequency of words in the given input with MapReduce algorithm

**Programming elements:**

Hadoop MapReduce and HDFS

**Source Code:**

<https://umkc.box.com/s/io0r63bff5lkgt0z9w2ftxlbfs9yxzje>

**Prerequisites:**

Ensure that Hadoop is installed, configured and is running. More details:

[Single Node Setup](https://hadoop.apache.org/docs/r1.2.1/single_node_setup.html) for first-time users.

[Cluster Setup](https://hadoop.apache.org/docs/r1.2.1/cluster_setup.html) for large, distributed clusters**.**

**In class exercise:**

A screenshot of a cell phone

Description generated with high confidence

Counting the frequency of odd number and even numbers in the given input with MapReduce algorithm

Marks will be distributed between logic, implementation and UI

**Note:** Please don't forget to submit your feedback after the class. This helps a lot in increasing effectiveness of the course.

Use following link to submit your feedback: <https://goo.gl/forms/beuByNuIPXKfZ6to1>