**Count**

The **count()** function of Pig Latin is used to get the number of elements in a bag. While counting the number of tuples in a bag, the **count()** function ignores (will not count) the tuples having a NULL value in the FIRST FIELD.

**Note:**

 To get the global count value (total number of tuples in a bag), we need to perform a **Group All** operation, and calculate the average value using the AVG function.

 To get the count value of a group (Number of tuples in a group), we need to group it using the Group By operator and proceed with the average function.

**Syntax**

Given below is the syntax of the **count()** function.

COUNT(expression)

**Example**

Assume that we have a file named **student\_details.txt** in the HDFS directory

**/pig\_data/** as shown below.

**student\_details.txt**

001,Rajiv,Reddy,21,9848022337,Hyderabad,89

002,siddarth,Battacharya,22,9848022338,Kolkata,78

003,Rajesh,Khanna,22,9848022339,Delhi,90

004,Preethi,Agarwal,21,9848022330,Pune,93

005,Trupthi,Mohanthy,23,9848022336,Bhuwaneshwar,75

006,Archana,Mishra,23,9848022335,Chennai,87

007,Komal,Nayak,24,9848022334,trivendram,83

008,Bharathi,Nambiayar,24,9848022333,Chennai,72

And we have loaded this file into Pig with the schema named **student** as shown below.

student\_details = LOAD 'hdfs://localhost:9000/pig\_data/student\_data.txt' USING PigStorage(',')as (id:int, firstname:chararray, lastname:chararray, age:int, phone:chararray, city:chararray, gpa:int);