Raw Data -------------------------------

+----------+--------------+-----------+------------------+------------------+----------+------------+-------------------+--------------+

|party\_size|player\_assists|player\_dbno| player\_dist\_ride| player\_dist\_walk|player\_dmg|player\_kills|player\_survive\_time|team\_placement|

+----------+--------------+-----------+------------------+------------------+----------+------------+-------------------+--------------+

| 2.0| 0.0| 1.0| 2870.724| 1784.84778| 117.0| 1.0| 1106.32| 18.0|

| 2.0| 0.0| 1.0|2938.4072300000003|1756.0797100000002| 127.0| 1.0| 1106.315| 18.0|

| 2.0| 0.0| 0.0| 0.0| 224.157562| 67.0| 0.0| 235.558| 33.0|

| 2.0| 0.0| 0.0| 0.0| 92.93515| 0.0| 0.0| 197.553| 33.0|

| 2.0| 0.0| 0.0| 2619.07739| 2510.447| 175.0| 2.0| 1537.495| 11.0|

| 2.0| 0.0| 0.0| 2896.3125| 2167.93213| 65.0| 0.0| 1537.5| 11.0|

| 2.0| 0.0| 0.0| 0.0| 3118.58032| 0.0| 0.0| 1264.792| 17.0|

| 2.0| 0.0| 0.0| 0.0| 3237.202| 0.0| 0.0| 1264.795| 17.0|

| 2.0| 0.0| 0.0| 0.0| 1552.3147| 79.0| 0.0| 868.56| 24.0|

| 2.0| 0.0| 1.0| 0.0| 1450.3147| 101.0| 1.0| 868.555| 24.0|

| 2.0| 0.0| 1.0| 2406.55469| 3100.02124| 54.0| 1.0| 1939.846| 4.0|

| 2.0| 0.0| 0.0| 3135.38647|2456.2775899999997| 34.0| 0.0| 1939.851| 4.0|

| 2.0| 0.0| 0.0| 0.0| 55.2714539| 0.0| 0.0| 160.64| 34.0|

| 2.0| 0.0| 1.0| 0.0| 129.4159| 215.0| 2.0| 180.90099999999998| 34.0|

| 2.0| 0.0| 0.0| 2418.547| 2474.08887| 75.0| 1.0| 2181.815| 2.0|

| 2.0| 0.0| 0.0|1277.5805699999999| 3286.67114| 84.0| 1.0| 2181.82| 2.0|

| 2.0| 0.0| 0.0| 0.0| 2057.258| 0.0| 0.0| 1583.1570000000002| 3.0|

| 2.0| 0.0| 4.0| 0.0| 3285.94385| 673.0| 6.0| 2009.7220000000002| 3.0|

| 2.0| 0.0| 0.0| 0.0| 1522.11768| 117.0| 1.0| 1032.6480000000001| 20.0|

| 2.0| 0.0| 1.0| 0.0| 1078.95581| 100.0| 1.0| 513.487| 20.0|

+----------+--------------+-----------+------------------+------------------+----------+------------+-------------------+--------------+

only showing top 20 rows

Schema before pre-processing -------------------------------

root

|-- party\_size: double (nullable = true)

|-- player\_assists: double (nullable = true)

|-- player\_dbno: double (nullable = true)

|-- player\_dist\_ride: double (nullable = true)

|-- player\_dist\_walk: double (nullable = true)

|-- player\_dmg: double (nullable = true)

|-- player\_kills: double (nullable = true)

|-- player\_survive\_time: double (nullable = true)

|-- team\_placement: double (nullable = true)

Total No.Of column: 9

2018-06-22 23:42:03 WARN BLAS:61 - Failed to load implementation from: com.github.fommil.netlib.NativeSystemBLAS

2018-06-22 23:42:03 WARN BLAS:61 - Failed to load implementation from: com.github.fommil.netlib.NativeRefBLAS

**Silhouette with squared euclidean distance = 0.7043466789822737**

**Cluster Centers: -----------------------------------**

**Cluster 1:- [1.375765843778239,0.4330453156500531,0.9346974669616872,3795.805070328757,2331.002995840119,202.34167830453828,1.5240897882558275,1405.4606335126261,9.940291456298388]**

**Cluster 2:- [0.2222222222222222,0.0,0.0,10104.697232222221,6766.9587317,36.666666666666664,0.1111111111111111,6.364795063333333E10,73.27777777777777]**

**Cluster 3:- [1.040160642570281,0.18072289156626503,0.6365461847389557,57541.873770394086,623442.622572289,171.33433734939757,1.3574297188755018,1052.2478433734939,24.58032128514056]**

**Cluster 4:- [1.2213180903532321,0.15515926864247526,0.4563854246774005,186.17231750646016,869.4904078732958,95.23905542772373,0.6540235844555392,559.467047617571,29.774342803634546]**