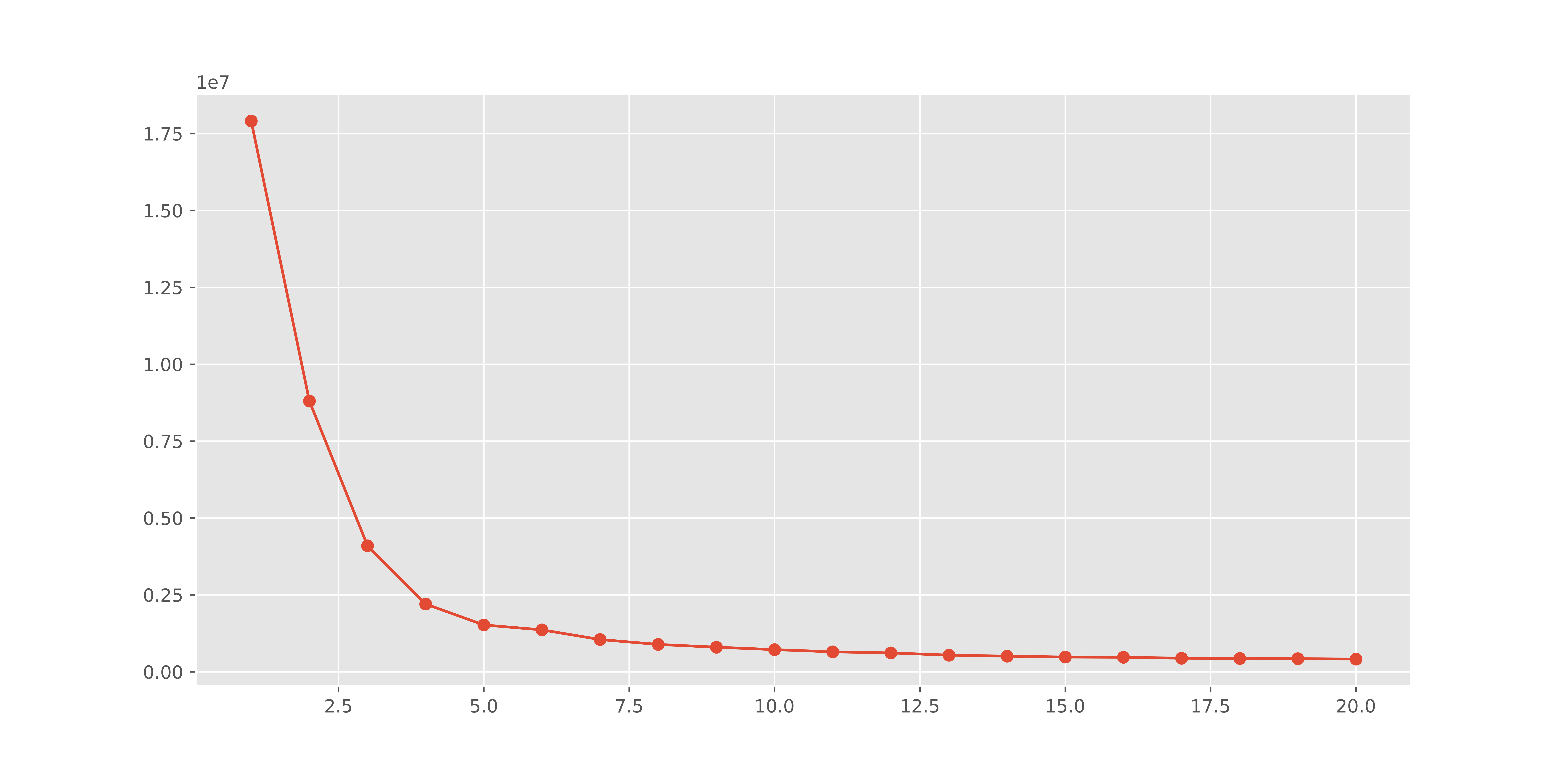
**NORMALIZED DATASET**

Cluster 0

|  |  |
| --- | --- |
| columns | means |
| protocol\_type\_tcp | 1 |
| srv\_serror\_rate | 0.998375 |
| dst\_host\_srv\_serror\_rate | 0.993706 |
| flag\_S0 | 0.984013 |
| dst\_host\_count | 0.981178 |
| serror\_rate | 0.955841 |
| Cluster 1   |  |  | | --- | --- | | columns | means | | flag\_SF | 1 | | same\_srv\_rate | 0.999738 | | dst\_host\_same\_src\_port\_rate | 0.999319 | | protocol\_type\_icmp | 0.998247 | | dst\_host\_same\_srv\_rate | 0.997963 | | dst\_host\_count | 0.997417 | | service\_ecr\_i | 0.996603 | | dst\_host\_srv\_count | 0.996046 | | srv\_count | 0.987483 | | count | 0.98744 |   Cluster 2   |  |  | | --- | --- | | columns | means | | flag\_SF | 0.998 | | same\_srv\_rate | 0.984218 |   Cluster 3   |  |  | | --- | --- | | columns | means | | protocol\_type\_tcp | 1 | | srv\_rerror\_rate | 0.998375 | | rerror\_rate | 0.993706 | | dst\_host\_srv\_rerror\_rate | 0.984013 | | dst\_host\_rerror\_rate | 0.981178 | | flag\_REJ | 0.955841 | |  |  | |  |



**NON\_NORMALIZED DATASET**

Cluster 0

|  |  |
| --- | --- |
| columns | means |
| src\_bytes | 691.3283 |
| dst\_bytes | 512.2499 |
| count | 335.7028 |
| srv\_count | 296.1047 |
| dst\_host\_count | 232.9926 |
| dst\_host\_srv\_count | 189.4249 |
| duration | 42.88797 |
| Cluster 1   |  |  | | --- | --- | | columns | means | | src\_bytes | 2679102 | | duration | 845.1667 | | dst\_host\_count | 50.33333 | | dst\_host\_srv\_count | 20.5 | | count | 1.5 | | srv\_count | 1.5 | | protocol\_type\_tcp | 1 | | same\_srv\_rate | 1 | | service\_ftp\_data | 1 | |  |

Cluster 2

|  |  |
| --- | --- |
| columns | means |
| dst\_bytes | 2044927 |
| src\_bytes | 751 |
| duration | 61 |
| dst\_host\_count | 46 |
| dst\_host\_srv\_count | 7 |
| count | 1 |
| flag\_SF | 1 |
| protocol\_type\_tcp | 1 |
| logged\_in | 1 |
| service\_telnet | 1 |
| same\_srv\_rate | 1 |
| srv\_count | 1 |

Cluster 3

|  |  |
| --- | --- |
| columns | means |
| dst\_byte | 353892 |
| src\_byte | 416.5 |
| dst\_host\_count | 110 |
| dst\_host\_srv\_cnt | 95 |
| Duration | 18.83333 |
| srv\_cnt | 4.666667 |
| count | 1 |
| loggedin | 1 |
| protocol\_typetcp | 1 |
| flag\_SF | 1 |
| samesrv | 1 |
|  |  |

