**Data Statistics – Binary classification**

* 0 denotes benign
* 1 denoted malicious

|  |  |  |
| --- | --- | --- |
| **Type** | **Benign** | **Malicious** |
| **Training** | 655683 | 135056 |
| **Testing 1** | 2349331 | 108076 |
| **Testing 2** | 182 | 2740 |

**Data Statistics – Multi-class classification**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Class** | **Label** | **Training** | **Testing 1** | **Testing 2** |
| **benign** | 0 | 100000 | 120000 | 40000 |
| **banjori** | 1 | 15000 | 25000 | 10000 |
| **corebot** | 2 | 15000 | 25000 | 10000 |
| **dircrypt** | 3 | 15000 | 25000 | 300 |
| **dnschanger** | 4 | 15000 | 25000 | 10000 |
| **fobber** | 5 | 15000 | 25000 | 800 |
| **murofet** | 6 | 15000 | 16667 | 5000 |
| **necurs** | 7 | 12777 | 20445 | 6200 |
| **newgoz** | 8 | 15000 | 20000 | 3000 |
| **padcrypt** | 9 | 15000 | 20000 | 3000 |
| **proslikefan** | 10 | 15000 | 20000 | 3000 |
| **pykspa** | 11 | 15000 | 25000 | 2000 |
| **qadars** | 12 | 15000 | 25000 | 2300 |
| **qakbot** | 13 | 15000 | 25000 | 1000 |
| **ramdo** | 14 | 15000 | 25000 | 800 |
| **ranbyus** | 15 | 15000 | 25000 | 500 |
| **simda** | 16 | 15000 | 25000 | 3000 |
| **suppobox** | 17 | 15000 | 20000 | 1000 |
| **symmi** | 18 | 15000 | 25000 | 500 |
| **tempedreve** | 19 | 15000 | 25000 | 100 |
| **tinba** | 20 | 15000 | 25000 | 700 |
| **Total** |  |  |  |  |