|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Dataset** | **Inputs** | **Outputs** | **Size** | **Normalised (Y/N)** |
| Abalone | 8 | 3 | 4177 | N (col 1 has -1,0,1) |
| Cancer | 9 | 2 | 683 | N |
| Card | 51 | 2 | 690 | Y |
| dermatology | 34 | 6 | 358 | N |
| Diabetes | 8 | 2 | 768 | Y |
| Iris | 4 | 3 | 150 | N |
| Thyroid | 21 | 3 | 1000 | N (all are between 0 & 1, but some columns have a much smaller range than this) |
| Weedseed | 7 | 10 | 398 | N |

### Categories

**Abalone**

Category 1 1407 Percent 33.68

Category 2 1323 Percent 31.67

Category 3 1447 Percent 34.64

**Cancer**

Category 1 444 Percent 65.01

Category 2 239 Percent 34.99

**Card**

Category 1 307 Percent 44.49

Category 2 383 Percent 55.51

**Dermatology**

Category 1 111 Percent 31.01

Category 2 60 Percent 16.76

Category 3 71 Percent 19.83

Category 4 48 Percent 13.41

Category 5 48 Percent 13.41

Category 6 20 Percent 5.59

**Diabetes**

Category 1 268 Percent 34.90

Category 2 500 Percent 65.10

**Iris**

Category 1 50 Percent 33.33

Category 2 50 Percent 33.33

Category 3 50 Percent 33.33

**Thyroid**

Category 1 466 Percent 46.60

Category 2 368 Percent 36.80

Category 3 166 Percent 16.60

**Weedseed**

Category 1 40 Percent 10.05

Category 2 40 Percent 10.05

Category 3 39 Percent 9.80

Category 4 40 Percent 10.05

Category 5 40 Percent 10.05

Category 6 40 Percent 10.05

Category 7 40 Percent 10.05

Category 8 40 Percent 10.05

Category 9 40 Percent 10.05

Category 10 39 Percent 9.80