|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Dataset | No. of Transactions | No. of Distinct Items(D) | Average Transactions Length(A) | Dense/Sparse Characteristics Ratio R (%)  R=(A/D)\*100 |
| Mushroom | 8124 | 119 | 23 | 19.327 |
| Chess | 3196 | 75 | 37 | 49.33 |
| Connect | 67557 | 129 | 43 | 33.33 |
| K1014D100K | 100000 | 870 | 10.1 | 1.16 |
| 20K | 20000 | 7902 | 7 | 0.0885 |
| 60K | 60000 | 5949 | 7 | 0.1176 |
| Retail | 88162 | 16470 | 10.3 | 0.0625 |
| Kosarak | 990002 | 41270 | 8.1 | 0.0196 |
| Chain-store | 1112949 | 46086 | 7.2 | 0.0156 |

Table: Dataset Characteristics