import graphlab

sf=graphlab.SFrame('ProductMaster40.csv')

sf.head()

sf['BASEPACK'].unique()

##it groups the items based on baseproduct

sf['BASEPACK'].show()

OUTPUT

Based on category

Most frequent items from *<SArray>*

| **Value** | **Count** | **Percent** |
| --- | --- | --- |
| 14,012 | 333 | 0.748% |  |
| 16,033 | 309 | 0.695% |  |
| 14,015 | 307 | 0.69% |  |
| 70,370 | 239 | 0.537% |  |
| 13,016 | 229 | 0.515% |  |
| 13,018 | 213 | 0.479% |  |
| 16,118 | 208 | 0.468% |  |
| 16,018 | 207 | 0.465% |  |
| 70,369 | 194 | 0.436% |  |
| 65,100 | 190 | 0.427% |  |
| 14,036 | 189 | 0.425% |  |
| 65,054 | 181 | 0.407% |  |
| 17,043 | 178 | 0.4% |  |
| 17,021 | 176 | 0.396% |  |
| 14,033 | 173 | 0.389% |  |
| 10,096 | 169 | 0.38% |  |
| 65,063 | 169 | 0.38% |  |
| 14,139 | 161 | 0.362% |  |
| 65,067 | 159 | 0.357% |  |
| 16,020 | 158 | 0.355% |  |
| 65,130 | 158 | 0.355% |  |
| 11,040 | 157 | 0.353% |  |
| 16,037 | 150 | 0.337% |  |
| 11,203 | 149 | 0.335% |  |
| 11,151 | 146 | 0.328% |  |
| 16,032 | 144 | 0.324% |  |
| 15,055 | 138 | 0.31% |  |
| 14,137 | 137 | 0.308% |  |
| 70,294 | 137 | 0.308% |  |
| 11,148 | 133 | 0.299% |  |
| 14,140 | 133 | 0.299% |  |
| 14,022 | 132 | 0.297% |  |
| 11,047 | 132 | 0.297% |  |
| 11,201 | 131 | 0.294% |  |
| 16,036 | 130 | 0.292% |  |
| 70,907 | 130 | 0.292% |  |
| 13,015 | 128 | 0.288% |  |
| 10,092 | 124 | 0.279% |  |
| 15,045 | 122 | 0.274% |  |
| 12,026 | 122 | 0.274% |  |
| 16,085 | 121 | 0.272% |  |
| 15,118 | 120 | 0.27% |  |
| 65,060 | 120 | 0.27% |  |
| 16,269 | 118 | 0.265% |  |
| 75,195 | 118 | 0.265% |  |
| 14,135 | 117 | 0.263% |  |
| 11,347 | 115 | 0.258% |  |
| 15,065 | 114 | 0.256% |  |
| 17,262 | 114 | 0.256% |  |
| 16,268 | 113 | 0.254% |  |
| 16,089 | 112 | 0.252% |  |
| 11,364 | 112 | 0.252% |  |
| 75,233 | 111 | 0.249% |  |
| 70,200 | 111 | 0.249% |  |
| 12,134 | 111 | 0.249% |  |
| 11,418 | 111 | 0.249% |  |
| 70,908 | 109 | 0.245% |  |
| 16,034 | 108 | 0.243% |  |
| 14,129 | 108 | 0.243% |  |
| 16,062 | 108 | 0.243% |  |
| 13,054 | 106 | 0.238% |  |
| 16,039 | 106 | 0.238% |  |
| 16,121 | 105 | 0.236% |  |
| 12,172 | 105 | 0.236% |  |
| 15,119 | 104 | 0.234% |  |
| 17,263 | 101 | 0.227% |  |
| 11,304 | 100 | 0.225% |  |
| 14,136 | 99 | 0.223% |  |
| 13,017 | 99 | 0.223% |  |
| 17,115 | 99 | 0.223% |  |
| 11,216 | 98 | 0.22% |  |
| 16,094 | 96 | 0.216% |  |
| 15,038 | 95 | 0.214% |  |
| 10,098 | 95 | 0.214% |  |
| 70,283 | 93 | 0.209% |  |
| 17,019 | 92 | 0.207% |  |
| 16,109 | 91 | 0.205% |  |
| 15,056 | 91 | 0.205% |  |
| 16,095 | 91 | 0.205% |  |
| 10,011 | 90 | 0.202% |  |
| 12,072 | 90 | 0.202% |  |
| 14,023 | 89 | 0.2% |  |
| 11,303 | 89 | 0.2% |  |
| 16,093 | 89 | 0.2% |  |
| 16,127 | 88 | 0.198% |  |
| 75,298 | 87 | 0.196% |  |
| 12,014 | 86 | 0.193% |  |
| 70,284 | 86 | 0.193% |  |
| 10,111 | 86 | 0.193% |  |
| 16,038 | 85 | 0.191% |  |

[Show More](javascript:)