|  |  |  |  |
| --- | --- | --- | --- |
| client\_header | locator | thing\_1 | thing\_2 |
| apple | 1 | 0 | 1 |
| orange | 2 | 0 | 1 |
| dog | 0 | 0 | 1 |
| university | 0 | 0 | 1 |
| pencil | D | 0 | 1 |
| orangutan | 0 | 0 | 1 |
| chrome | 0 | 0 | 1 |
| banana | 3 | 0 | 1 |

Things that need to be true for the data frame data dictionary.

1. All cells in the binary check columns must be filled with either 1’s or 0’s
2. There must be one and ONLY one cell in the direction column marked as 1, all others are 0.
   1. Furthermore, this row must also have a non-zero in the locator’s column.
3. Absolute value matches must be comma-separated, with a space in-between, but without a comma following the last character.