Yuchen Tian, Bailey Kingsley and Michael Tran 11/13/2017

Assignment Number: 4

CMSC~409~Artificial~Intelligence

1 Term Document Matrix

1.1 Answer

Table

2 Mining Steps

2.1 A

2.1.1 Use

Divide sentences into a list of substrings or words

2.1.2 Data Lost

Lost Spaces

2.2 B

2.2.1 Use

Removing any anomalies that might affect reading the word

2.2.2 Data Lost

Punctuation and special characters

2.3 C

2.3.1 Use

Removing any anomalies that might affect reading the word

2.3.2 Data Lost

Numbers

2.4 D

2.4.1 Use

Removing any anomalies that might affect reading the word

2.4.2 Data Lost

Upper cased letters

2.5 E

2.5.1 Use

Removing overly used words that are very common in the English language

2.5.2 Data Lost

Removed stopped words

2.6 F

2.6.1 Use

Process for removing the commoner morphological and inflexional endings from words in English

2.6.2 Data Lost

Suffix, prefix and plural words

2.7 G

2.7.1 Use

To reform a sentence

2.7.2 Data Lost

N/A

3 TDM

Table 1: some table

| autonom | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | $\mid 0 \mid$ |
|------------------------|---|---|--|---|---|---|--|---|---|--|--|-----------------------------------|---|---|-----------------------------------|--|---|---|--|--|---|---|--|--|---|---|--|
| sedan | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | $\mid 0 \mid$ |
| travel | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\mid 0 \mid$ |
| type | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| road | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| speed | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| up | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| mile | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 2 | 0 |
| per | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| hour | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| futur | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\mid 0 \mid$ |
| machin | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| learn | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | $\mid 2 \mid$ |
| rai | 0 | 1 | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | $\begin{bmatrix} - \\ 0 \end{bmatrix}$ |
| kurzweil | 0 | 1 | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | 0 | 0 | 0 | 0 | 1 | 0 | 0 | |
| predict | 0 | 1 | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ |
| year | 0 | 1 | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ |
| awai | 0 | 1 | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ |
| | 0 | 1 | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ |
| singular selfimprov | _ | | | | | | | | | _ | | | 0 | | | | | 0 | | | | 0 | | | | 0 | |
| | 0 | 1 | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | $\begin{bmatrix} 0 \\ 1 \end{bmatrix}$ |
| artifici | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | $\left \begin{array}{c}1\\0\end{array}\right $ |
| superintellig | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\left \begin{array}{c}0\\0\end{array}\right $ |
| far | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\left \begin{array}{c}0\end{array}\right $ |
| exce | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\left \begin{array}{c}0\end{array}\right $ |
| human | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\mid 0 \mid$ |
| intellig | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | $\mid 1 \mid$ |
| get | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\mid 0 \mid$ |
| car | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| kilomet | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| second | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| newli | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| remodel | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| home | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| rent | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| bedroom | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| bath | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| live | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| room | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 1 |
| larg | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\mid 0 \mid$ |
| eat | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\begin{vmatrix} 1 \end{vmatrix}$ |
| kitchen | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 1 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | $\begin{bmatrix} 0 \end{bmatrix}$ | 0 | $\begin{bmatrix} 0 \end{bmatrix}$ | 0 | 0 | $\begin{bmatrix} 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \end{bmatrix}$ | 0 | 1 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \end{bmatrix}$ | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 2 | 0 | $\begin{vmatrix} 1 \\ 1 \end{vmatrix}$ |
| full | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 1 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | $\begin{bmatrix} 0 \end{bmatrix}$ | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \end{bmatrix}$ | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | $\begin{bmatrix} 1 \\ 0 \end{bmatrix}$ |
| size | 0 | 0 | 0 | 1 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ |
| util | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 1 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ |
| test | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | 1 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| achiev | | - | 1 | 0 | | 0 | 1 | | | 0 | 0 | 0 | - | 0 | ~ | - | | | | 1 | - | | 0 | | | | - |
| acmev | 0 | 0 | 0 | U | 1 | U | 0 | 0 | 0 | U | U | U | 0 | U | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | U | 0 | 0 | 0 | 0 |

| rang | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|--|--|--|--|---|--|--|--|---|--|--|--|--|--|--|--|--|---|--|---|---|---|---|---|---|---|--|
| around | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| charg | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| musk | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| wai | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| escap | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \end{bmatrix}$ |
| obsolesc | 0 | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 1 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | $\begin{bmatrix} 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | 0 | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ |
| have | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | 0 | 1 | 0 | 0 | 0 | 0 | 0 | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\left \begin{array}{c} 0 \\ 0 \end{array}\right $ |
| | | | | | | 1 | 1 | | | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | | 1 | | | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | | | 0 | 1 | | | | 0 | | |
| sort | 0 | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 1 | 0 | 0 | 0 | - | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | 1 | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | | 0 | 0 | - | 0 | 0 | 0 | 0 | _ | 0 | $\left \begin{array}{c}0\\0\end{array}\right $ |
| merger | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\left \begin{array}{c}0\\0\end{array}\right $ |
| biolog | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\left \begin{array}{c}0\\0\end{array}\right $ |
| entir | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| interior | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| freshli | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| paint | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| go | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| percent | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| befor | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| lap | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| possibl | 0 | $\begin{vmatrix} 0 \end{vmatrix}$ | $\begin{vmatrix} 0 \end{vmatrix}$ | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | $\begin{vmatrix} 0 \end{vmatrix}$ | 1 | 0 | $\begin{bmatrix} 0 \end{bmatrix}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \end{bmatrix}$ |
| lead | 0 | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 2 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ |
| necessarili | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | 0 | 0 | 0 | $\frac{2}{1}$ | 0 | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ |
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| applianc | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | 0 | $\begin{array}{ c c c c c c c c c c c c c c c c c c c$ | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ |
| includ | | | | | | | | | | - | | | | | | | | | | | | | | | 0 | | |
| | 0 | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | 0 | 1 | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | $\left \begin{array}{c}1\\0\end{array}\right $ |
| well | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\left \begin{array}{c}0\\0\end{array}\right $ |
| secur | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| system | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| tenant | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| respons | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| electr | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| water | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| ga | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| pet | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| negoti | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| base | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| anim | 0 | 0 | $\begin{vmatrix} 0 \end{vmatrix}$ | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | 0 | 0 | 0 | 0 | 0 | 0 | 1 | $\begin{vmatrix} 0 \end{vmatrix}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| four | 0 | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 1 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ |
| row | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ |
| hous | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 1 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | 0 | 1 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | 0 | 0 | 1 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ |
| | | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 1 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | ١. | 1 | | 0 | $\begin{vmatrix} 0 \\ 2 \end{vmatrix}$ | | 0 | | | 0 | | 0 | 0 | | 0 | | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ |
| come | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | _ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | | | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | | | | _ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 1 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | | 1 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | _ | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | _ | 0 | | | 0 | _ | 0 | |
| washer | 0 | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 1 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\left \begin{array}{c}0\\0\end{array}\right $ |
| dryer | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\left \begin{array}{c}0\\0\end{array}\right $ |
| finish | 0 | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 1 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\left \begin{array}{c}0\\0\end{array}\right $ |
| basement | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\left \begin{array}{c}0\\0\end{array}\right $ |
| three | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\left \begin{array}{c}0\\ \end{array}\right $ |
| park | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| space | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| back | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| approv | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| owner | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| limit | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| public | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| us | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| driven | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| combin | 0 | $\begin{vmatrix} 0 \end{vmatrix}$ | $\begin{vmatrix} 0 \end{vmatrix}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \end{bmatrix}$ |
| two | 0 | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | $\begin{bmatrix} 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | 0 | 1 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ |
| paradigm | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | 0 | 0 | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | 0 | 0 | 1 | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\left \begin{array}{c} 0 \\ 0 \end{array}\right $ |
| everyth | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | 0 | 0 | 1 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ |
| know | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | 0 | 0 | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | 0 | 0 | $\begin{array}{ c c c c }\hline 1 & & & \\ & 1 & & \\ \end{array}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ |
| realiti | | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | | | | | | | | 0 | | | | | | | | | | 0 | | | | | 0 | - | |
| | 0 | | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | - | 0 | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | 0 | 0 | $\begin{vmatrix} 1 \\ 2 \end{vmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | - | 0 | 0 | 0 | 0 | _ | 0 | $\left \begin{array}{c}0\\0\end{array}\right $ |
| sens | 0 | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | 0 | 0 | 2 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\left \begin{array}{c}0\\0\end{array}\right $ |
| knowledg | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 1 | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | $\left \begin{array}{c}0\\0\end{array}\right $ |
| experi | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| via | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|---|--|--|--|---|--|--|---|---|---|--|--|---|---|--|--|--|---|-----|--|---|--|--|--|---|--|--|
| five | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| on | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| suit | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| king | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 1 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ |
| - | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| bed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| veri | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| nice | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| queen | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| complet | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| over | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| drive | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 1 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 1 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ |
| | _ | | | | | | | | | | | | | | | ١. | | | | | | | | | | | |
| accidentfre | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| updat | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| renov | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| new | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| floor | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| john | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| mccarthi | 0 | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| inventor | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ |
| program | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| languag | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| lisp | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| coin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| term | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| deal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| number | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \end{bmatrix}$ |
| | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | | | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | | 0 | 1 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ |
| situat | | | | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | - | | | 0 | 0 | | | | 0 | | | | | 0 | | | | | | | | | |
| averag | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| gallon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| pound | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| gener | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| t | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| selfawar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| comput | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| - | 0 | $\begin{vmatrix} 0 \\ 0 \end{vmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{vmatrix} 0 \end{vmatrix}$ | 0 | 0 | 0 | 0 | 0 | 1 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 |
| engag | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| commonsens | | ~ | " | ~ | | " | | | | ~ | " | " | | | ~ | " | " | ~ | _ ~ | ~ | | - | ~ | " | | | " |
| reason | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| attain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| multipl | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| domain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| feel | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| express | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| understand | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | $\begin{bmatrix} 0 \end{bmatrix}$ | $\begin{array}{c c} 1 \end{array}$ |
| emot | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | $\begin{bmatrix} 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 1 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 |
| singl | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 1 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ |
| _ | | | 1 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | - | - | | | 0 | | | | | | | 1 | | | | - | - | | | | | | |
| famili . | 0 | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ |
| conveni | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| locat | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| near | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| major | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| rout | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| author | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
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| ag | | | 1 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | - | - | | | 0 | | | | | | | ~ | | | | | _ | | | | | | |
| spiritu | 0 | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ |
| describ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| spread | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| throughout | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| cosmo | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| cute | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
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| open | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 0 | 0 | 0 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | 1 | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ | $\begin{bmatrix} 0 \\ 0 \end{bmatrix}$ |
| _ | _ | | 1 | | | 1 | | | | | | | | | 1 | 1 | | | | | _ | | | | | - | |
| area | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |

| great | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
|------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| went | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| round | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| minut | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| recent | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| work | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| fundament | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| techniqu | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| deep | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| lai | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| groundwork | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| automat | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $1 \mid$ |
| through | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| increas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $1 \mid$ |
| world | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $1 \mid$ |
| themtwo | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $1 \mid$ |
| bathroom | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $1 \mid$ |
| townhous | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $1 \mid$ |
| central | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| heat | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| air | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $1 \mid$ |
| trash | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| sewag | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |