**CLEANING DATA**

1. **Removing Stop-Words**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| a | can’t | he | its | over | they |
| above | cannot | he’d | itself | own | they’d |
| about | could | he’ll | let’s | same | they’ll |
| after | couldn’t | he’s | me | shan’t | they’re |
| again | did | her | more | she’ll | they’ve |
| against | didn’t | here | most | she | this |
| all | do | here’s | mustn’t | she’d | those |
| am | does | hers | my | she’s | through |
| an | doesn’t | herself | it’s | should | to |
| and | doing | him | myself | shouldn’t | too |
| ay | don’t | himself | no | so | under |
| are | down | his | not | some | until |
| aren’t | during | how | nor | such | up |
| as | each | how’s | of | than | very |
| at | few | i | off | that | was |
| be | for | I’d | on | that’s | wasn’t |
| because | from | I’ll | once | the | we |
| been | further | I’m | only | their | we’d |
| before | had | I’ve | or | theirs | we’ll |
| being | hadn’t | if | other | them | we’re |
| below | has | in | ought | themselves | we’ve |
| between | hasn’t | into | our | then | were |
| both | have | is | ours | there | weren’t |
| but | haven’t | isn’t | ourselves | there’s | what |
| by | having | it | out | these | what’s |
| which | whom | won’t | you’d | your | when |
| while | why | would | you’ll | your’s | when’s |
| who | why’s | wouldn’t | you’re | yourself | where |
| who’s | with | you | you’ve | yourselves | where’s |

1. **Removing Mysql Stop-words**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| a's | able | about | above | according |
| accordingly | across | actually | after | afterwards |
| again | against | ain't | all | allow |
| allows | almost | alone | along | already |
| also | although | always | am | among |
| amongst | an | and | another | any |
| anybody | anyhow | anyone | anything | anyway |
| anyways | anywhere | apart | appear | appreciate |
| appropriate | are | aren't | around | as |
| aside | ask | asking | associated | at |
| available | away | awfully | be | became |
| because | become | becomes | becoming | been |
| before | beforehand | behind | being | believe |
| below | beside | besides | best | better |
| between | beyond | both | brief | but |
| by | c'mon | c's | came | can |
| can't | cannot | cant | cause | causes |
| certain | certainly | changes | clearly | co |
| com | come | comes | concerning | consequently |
| consider | considering | contain | containing | contains |
| corresponding | could | couldn't | course | currently |
| definitely | described | despite | did | didn't |
| different | do | does | doesn't | doing |
| don't | done | down | downwards | during |
| each | edu | eg | eight | either |
| else | elsewhere | enough | entirely | especially |
| et | etc | even | ever | every |
| everybody | everyone | everything | everywhere | ex |
| exactly | example | except | far | few |
| fifth | first | five | followed | following |
| follows | for | former | formerly | forth |
| four | from | further | furthermore | get |
| gets | getting | given | gives | go |
| goes | going | gone | got | gotten |
| greetings | had | hadn't | happens | hardly |
| has | hasn't | have | haven't | having |
| he | he's | hello | help | hence |
| her | here | here's | hereafter | hereby |
| herein | hereupon | hers | herself | hi |
| him | himself | his | hither | hopefully |
| how | howbeit | however | i'd | i'll |
| i'm | i've | ie | if | ignored |
| immediate | in | inasmuch | inc | indeed |
| indicate | indicated | indicates | inner | insofar |
| instead | into | inward | is | isn't |
| it | it'd | it'll | it's | its |
| itself | just | keep | keeps | kept |
| know | known | knows | last | lately |
| later | latter | latterly | least | less |
| lest | let | let's | like | liked |
| likely | little | look | looking | looks |
| ltd | mainly | many | may | maybe |
| me | mean | meanwhile | merely | might |
| more | moreover | most | mostly | much |
| must | my | myself | name | namely |
| nd | near | nearly | necessary | need |
| needs | neither | never | nevertheless | new |
| next | nine | no | nobody | non |
| none | noone | nor | normally | not |
| nothing | novel | now | nowhere | obviously |
| of | off | often | oh | ok |
| okay | old | on | once | one |
| ones | only | onto | or | other |
| others | otherwise | ought | our | ours |
| ourselves | out | outside | over | overall |
| own | particular | particularly | per | perhaps |
| placed | please | plus | possible | presumably |
| probably | provides | que | quite | qv |
| rather | rd | re | really | reasonably |
| regarding | regardless | regards | relatively | respectively |
| right | said | same | saw | say |
| saying | says | second | secondly | see |
| seeing | seem | seemed | seeming | seems |
| seen | self | selves | sensible | sent |
| serious | seriously | seven | several | shall |
| she | should | shouldn't | since | six |
| so | some | somebody | somehow | someone |
| something | sometime | sometimes | somewhat | somewhere |
| soon | sorry | specified | specify | specifying |
| still | sub | such | sup | sure |
| t's | take | taken | tell | tends |
| th | than | thank | thanks | thanx |
| that | that's | thats | the | their |
| theirs | them | themselves | then | thence |
| there | there's | thereafter | thereby | therefore |
| therein | theres | thereupon | these | they |
| they'd | they'll | they're | they've | think |
| third | this | thorough | thoroughly | those |
| though | three | through | throughout | thru |
| thus | to | together | too | took |
| toward | towards | tried | tries | truly |
| try | trying | twice | two | un |
| under | unfortunately | unless | unlikely | until |
| unto | up | upon | us | use |
| used | useful | uses | using | usually |
| value | various | very | via | viz |
| vs | want | wants | was | wasn't |
| way | we | we'd | we'll | we're |
| we've | welcome | well | went | were |
| weren't | what | what's | whatever | when |
| whence | whenever | where | where's | whereafter |
| whereas | whereby | wherein | whereupon | wherever |
| whether | which | while | whither | who |
| who's | whoever | whole | whom | whose |
| why | will | willing | wish | with |
| within | without | won't | wonder | would |
| wouldn't | yes | yet | you | you'd |
| you'll | you're | you've | your | yours |
| yourself | yourselves | zero |  |  |

1. **Removing Punctuations**

 Dash (-)

Comma (,)

Period (.)

Question mark (?)

Exclamation Point (!)

Semicolon (;)

Colon (: )

Brackets {} () []

Apostrophe (‘)

Quotation Marks (“”)

Ellipsis (…)