

Text Mining

- The first 5 rows and a three columns of the data

| title | release_year | description |
|-------|--------------|---|
| 3% | 2020 | In a future where the elite inhabit an island paradise far from the crowded slums, you get one chance to join the 3% saved from squalor. |
| 7:19 | 2016 | After a devastating earthquake hits Mexico City, trapped survivors from all walks of life wait to be rescued while trying desperately to stay alive. |
| 23:59 | 2011 | When an army recruit is found dead, his fellow soldiers are forced to confront a terrifying secret that's haunting their jungle island training camp. |
| 9 | 2009 | In a postapocalyptic world, rag-doll robots hide in fear from dangerous machines out to exterminate them, until a brave newcomer joins the group. |
| 21 | 2008 | A brilliant group of students become card-counting experts with the intent of swindling millions out of Las Vegas casinos by playing blackjack. |

Token

- A token is a meaningful unit of text.
- One row of text will be converted to multiple rows of tokens.

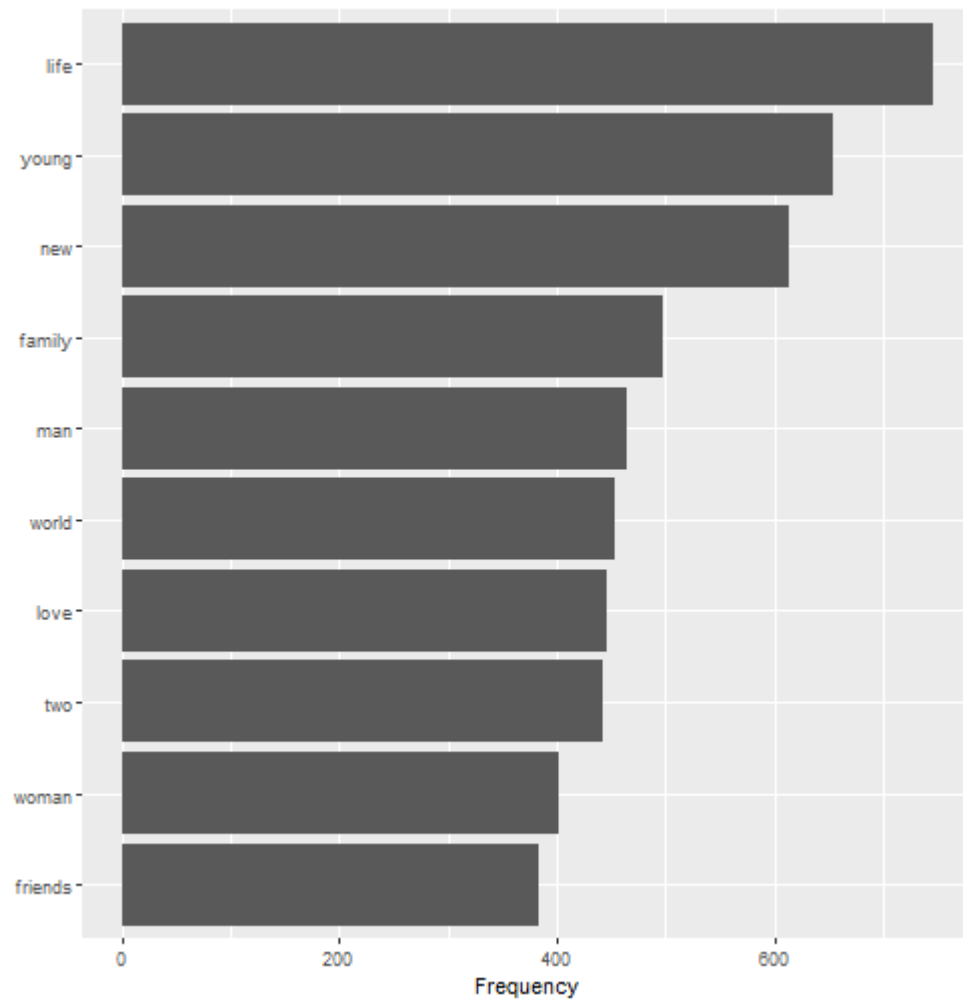
| title | description |
|------------------------------|--|
| Avengers: Infinity War | Superheroes amass to stop intergalactic sociopath Thanos from acquiring a full set of Infinity Stones and wiping out half of all life in the universe. |

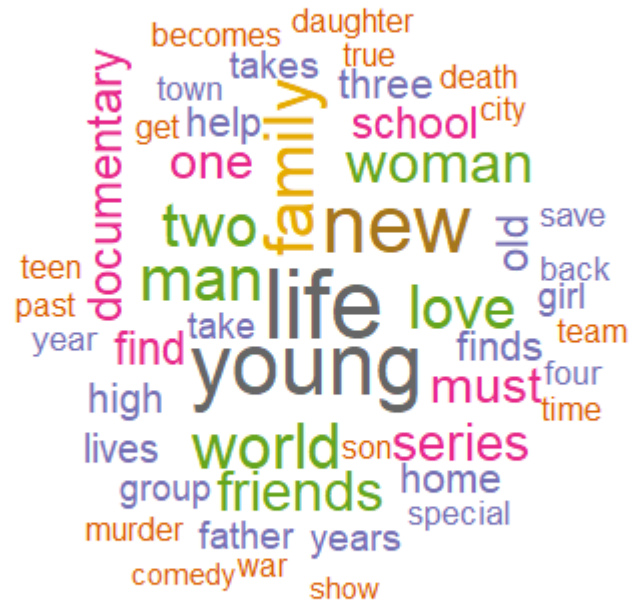
| title | word |
|------------------------|----------------|
| Avengers: Infinity War | superheroes |
| Avengers: Infinity War | amass |
| Avengers: Infinity War | to |
| Avengers: Infinity War | stop |
| Avengers: Infinity War | intergalactic |
| Avengers: Infinity War | sociopath |
| Avengers: Infinity War | thanos |
| Avengers: Infinity War | from |
| Avengers: Infinity War | acquiring |
| Avengers: Infinity War | a |
| Avengers: Infinity War | full |
| Avengers: Infinity War | set |
| Avengers: Infinity War | of |
| Avengers: Infinity War | infinity |
| Avengers: Infinity War | stones |
| Avengers: Infinity War | and |
| Avengers: Infinity War | wiping |
| Avengers: Infinity War | out |
| Avengers: Infinity War | half |
| Avengers: Infinity War | of |
| Avengers: Infinity War | all |
| Avengers: Infinity War | life |
| Avengers: Infinity War | in |
| Avengers: Infinity War | the |

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| Avengers: Infinity War | stones |
| Avengers: Infinity War | wiping |
| Avengers: Infinity War | half |
| Avengers: Infinity War | life |
| Avengers: Infinity War | universe |
| Spider-Man 3 | seemingly |
| Spider-Man 3 | invincible |
| Spider-Man 3 | spider |
| Spider-Man 3 | man |
| Spider-Man 3 | goes |
| Spider-Man 3 | new |
| Spider-Man 3 | crop |
| Spider-Man 3 | villains |
| Spider-Man 3 | third |
| Spider-Man 3 | installment |
| Spider-Man 3 | blockbuster |
| Spider-Man 3 | adventure |

| word | n |
|-------------|----------|
| life | 746 |
| young | 655 |
| new | 613 |
| family | 497 |
| man | 464 |
| world | 453 |
| love | 447 |
| two | 443 |
| woman | 402 |
| friends | 383 |





Sentiment Analysis

| title | description |
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| Avengers: Infinity War | Superheroes amass to stop intergalactic sociopath Thanos from acquiring a full set of Infinity Stones and wiping out half of all life in the universe. |

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Using nrc

| title | word | sentiment |
|------------------------|-----------|--------------|
| Avengers: Infinity War | acquiring | anticipation |
| Avengers: Infinity War | acquiring | positive |
| Avengers: Infinity War | full | positive |
| Avengers: Infinity War | infinity | anticipation |
| Avengers: Infinity War | infinity | joy |
| Avengers: Infinity War | infinity | positive |
| Avengers: Infinity War | infinity | trust |

- Some words are missing
- Some words have more than one sentiment