

## DM-Quiz-2020-Q9

36.36% (4/11)

- ✗ 1. `(genres <- c("Action, Adventure, Comedy", "Comedy", "Comedy, Drama, Drama, Romance", "Crime, Drama, History"))` Which of the functions has the following output? [1] NA NA "Drama" "Drama"
- ☐ A `str_extract(string = genres, pattern = "Drama")`
  - ☐ B `str_count(string = genres, pattern = "Drama")`
  - ☐ C `str_subset(string = genres, pattern = "Drama")`
  - ☐ D `str_detect(string = genres, pattern = "Drama")`
  - ☒ E I do not know.
- ✗ 2. `str_subset(string = c("abc", "abbc", "abbbc", "ac"), pattern = "ab?c")`
- ☐ A [1] "abc" "ac"
  - ☐ B [1] "abc" "abbc" "abbbc" "ac"
  - ☐ C [1] "abc"
  - ☐ D [1] "abc" "abbc" "abbbc"
  - ☒ E I do not know
- ✗ 3. `str_subset(string = c(" space(1)", "space (1)", "nospace", " ", " "), pattern = "\\S+")`
- ☐ A " space(1)" , "space (1)" , "nospace"
  - ☐ B " space(1)" , "space (1)", " " , " "
  - ☐ C "space (1)", " " , " "
  - ☒ D I do not know
- ✗ 4. `str_subset(string = c("OL","L1", "LL", "Li", "."), pattern = "[aeuio]")`
- ☐ A "Li"
  - ☐ B "OL","L1", "LL", "Li", "."
  - ☐ C "OL","L1", "LL", "Li"
  - ☐ D "LL", "Li"
  - ☒ E I do not know.



5. Define the right format for "95.AUG- 27"

- ☒ A "%y.%b- %d"
- ☐ B "%Y/%B/%d"
- ☐ C "%y.%B- %d"
- ☐ D "%Y-%b-%d"
- ☐ E I do not know



6. gsub("Replace a with A", pattern = "a", replacement = "A")

- ☒ A "ReplAce A with A"
- ☐ B "ReplAce a with A"
- ☐ C "ReplAce a with a"
- ☐ D "ReplAce A with a"
- ☐ E I do no know



7. str\_sub("start with the minus 7", start = -8, end = -4)

- ☒ A " minu"
- ☐ B "minu"
- ☐ C "minus"
- ☐ D "minu 7"
- ☐ E Error
- ☐ F I do now know



8. str\_subset(string = "^start", pattern = "^start")

- ☐ A character(0)
- ☐ B "money"
- ☐ C "^money"
- ☐ D Error
- ☒ E I do not know



**9. Regular Expressions are**

- ☒ A set of commands used to match a family of text (alphanumeric, digits, words) to detect string sequences in a large text data
- ☐ B series of functions used to extract information from text variables.
- ☐ C meaning and interpretation of words, signs, and sentence structure
- ☐ D collections of documents containing (natural language) text
- ☐ E I do not know



**10. String manipulation is**

- ☒ A set of commands used to match a family of text (alphanumeric, digits, words) to detect string sequences in a large text data
- ☐ B series of functions used to extract information from text variables.
- ☐ C meaning and interpretation of words, signs, and sentence structure
- ☐ D collections of documents containing (natural language) text
- ☐ E I do not know



**11. Sparsity is**

- ☐ A number of terms with more than one occurrence
- ☐ B number of term with 0 occurrence in all documents
- ☐ C percentage of element with value 0 in total number of elements in document term matrix
- ☒ D I do not know