



Quiz: Lesson 6 - Performing Text Analytics

Your Score: 90% Congratulations! Your score indicates that you have mastered the topics in this course. You can review the feedback and when you're finished, exit the lesson.



1. What types of data items are needed to create a text topics object?

- a. A unique row identifier, document details, a language
- b. A unique row identifier, document details
- c. A unique row identifier, a document collection, a language
- d. A unique row identifier, a document collection

Your answer: c

Correct answer: c

To create a text topics object in SAS Visual Analytics, you need a language, a unique row identifier, and a document collection (unstructured text).



2. Which role enables you to add additional information to text analytics?

- a. Document collection
- b. Document details
- c. Language
- d. Unique row identifier

Your answer: b

Correct answer: b

The Document details role in a text topics object enables you to add additional information to text analytics.



3. Which table is structured appropriately for text analytics in Visual Analytics?

a.

USER	REVIEW
JIM	This was a fantastic movie! I will definitely see it again.
GEORGE	I didn't much care for the content of this film. It was too low grade for my tastes.
ABBY	Loved it! The best movie all year.
PATRICIA	This movie was probably the duller movie I've ever seen. I slept for most of it.

b.

MOVIE	REVIEW
TIMELORD	This was a fantastic movie! I will definitely see it again.
TIMELORD	I didn't much care for the content of this film. It was too low grade for my tastes.
TIMELORD	Loved it! The best movie all year.
TIMELORD	This movie was probably the duller movie I've ever seen. I slept for most of it.

c.

USER	STAR RATING
JIM	5
GEORGE	2
ABBY	5
PATRICIA	1

d.

USER	STAR RATING
TIMELORD	5
TIMELORD	2
TIMELORD	5
TIMELORD	1

Your answer: a

Correct answer: a

To perform text analytics in SAS Visual Analytics, the table must have a data item that contains unstructured text (document collection) and each document must be associated with a unique value (unique row identifier). In this example, REVIEW is the document collection and USER is the unique row identifier.



4. Which choice below correctly orders the steps for text analytics?

a.

1. Terms are analyzed to determine topics
2. Unstructured text is parsed into individual terms
3. Terms are compared to the stop list
4. Terms found in the stop list are removed from analysis

b.

1. Terms are analyzed to determine topics
2. Terms are compared to the stop list
3. Terms found in the stop list are removed from analysis
4. Unstructured text is parsed into individual terms

c.

1. Unstructured text is parsed into individual terms
2. Terms are compared to the stop list
3. Terms found in the stop list are removed from analysis
4. Terms are analyzed to determine topics

- d.
1. Unstructured text is parsed into individual terms
 2. Terms are analyzed to determine topics
 3. Terms are compared to the stop list
 4. Terms found in the stop list are removed from analysis

Your answer: c

Correct answer: c

To perform text analytics in SAS Visual Analytics, the following steps are performed:

- (1) Unstructured text is parsed into individual terms,
- (2) Terms are compared to the stop list, if available,
- (3) Any terms found in the stop list are removed from analysis, and
- (4) Remaining terms are analyzed to determine topics.



5. What is displayed in the text topics bar chart?

- a. Documents
- b. Terms
- c. Topics
- d. Roles

Your answer: c

Correct answer: c

The text topics bar chart displays the document count for each topic.



6. What is displayed in the text topics word cloud?

- a. Documents
- b. Terms
- c. Topics
- d. Roles

Your answer: b

Correct answer: b

The text topics word cloud displays the topic weight for each term.



7. What is displayed in the text topics list table?

- a. Documents
- b. Terms
- c. Topics
- d. Roles

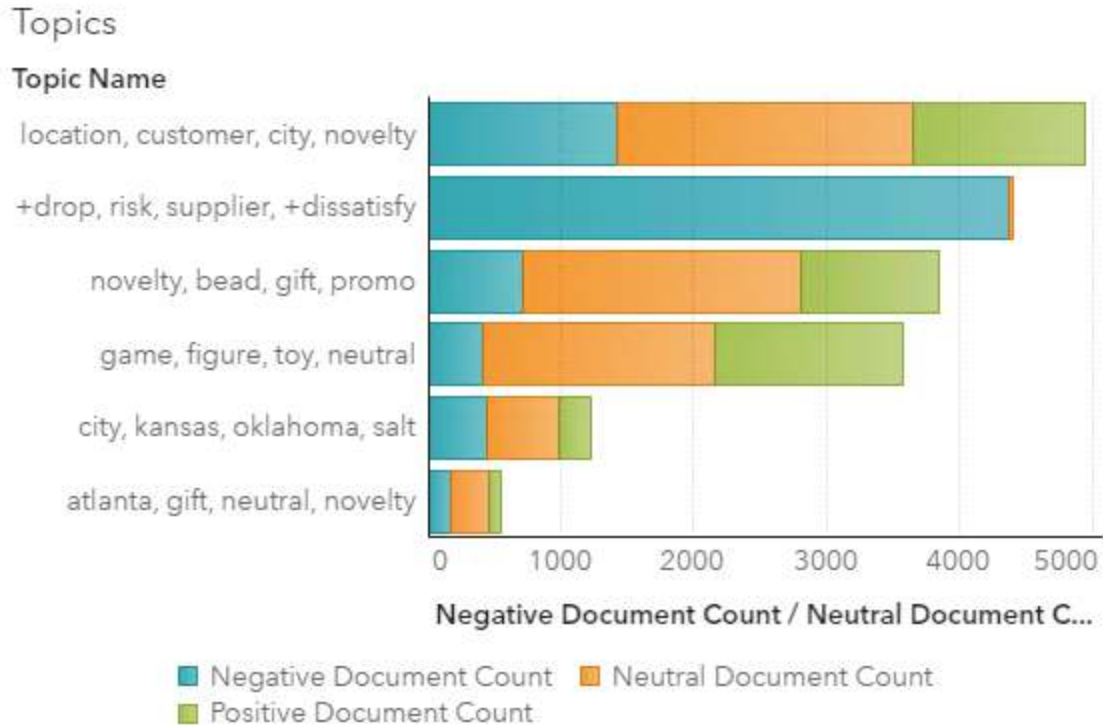
Your answer: a

Correct answer: a

The text topics list table displays the topic relevance for each document.



8. In the following bar chart from a text topics object, what does the +drop term represent?



- a. Additional terms are included in that topic.
- b. The term is used in other topics.
- c. The term is used for different parts of speech.
- d. The term includes stem words.

Your answer: d

Correct answer: d

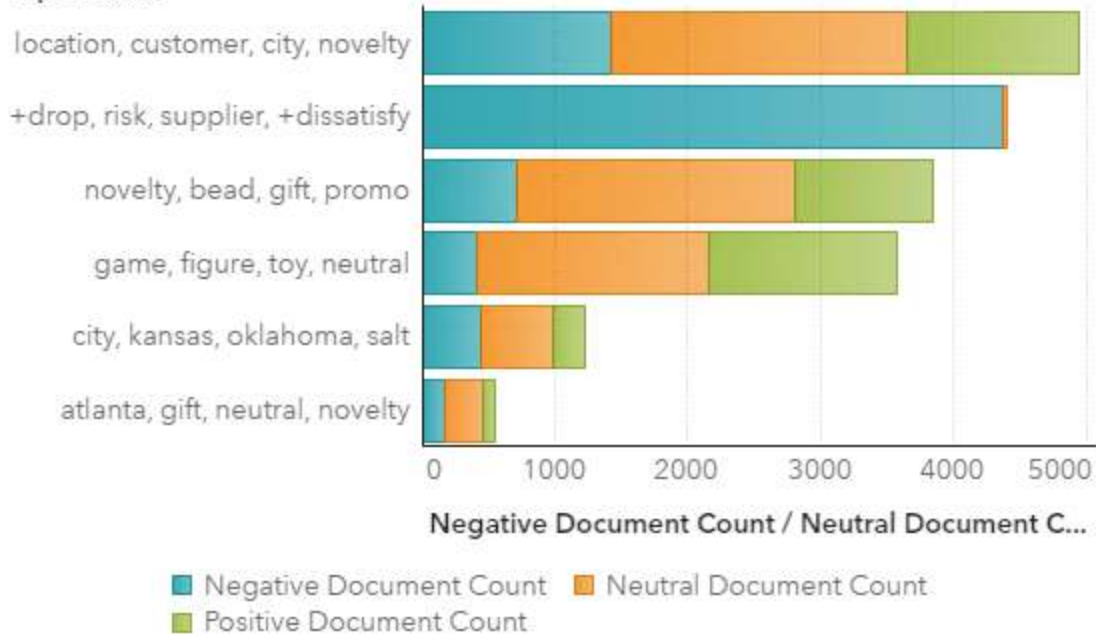
The +drop term indicates that the term includes stem words, or different forms of a given word. In this example, this term could include the words drop, dropped, drops, dropping.



9. In the following bar chart from a text topics object, which topic contains the greatest number of positive documents?

Topics

Topic Name



- a. location, customer, city, novelty
- b. +drop, risk, supplier, +dissatisfy
- c. city, kansas, oklahoma, salt
- d. atlanta, gift, neutral, novelty

Your answer: a

Correct answer: a

The location, customer, city, novelty topic contains the greatest number of positive documents (green portion of the bar).



10. In the following details table from a text topics object, why does the term **order** appear twice?

Topics	Terms
Term	Document count
order	23195
unit	23195
order	15340
toy	13650

- a. The term appears in documents multiple times.
- b. The term includes stem words.
- c. The term appears in different topics.
- d. The term is used for different parts of speech.

Your answer: b

Correct answer: d

The term **order** is used in the documents for different parts of speech. For example, it can be used as a noun (I placed an order) or a verb (I ordered a product).

Close

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