



## Quiz: Lesson 5 - Performing Path Analysis

**Your Score:** 100% 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. Which table is structured appropriately for path analysis in Visual Analytics?

a.

NAME	CLASS	ORDER
RACHEL	ART1	A
RACHEL	ART2	B
JOEY	ACT1	A
JOEY	ART1	B

b.

NAME	CLASS	ORDER
RACHEL	ART1	1
RACHEL	ART2	2
JOEY	ACT1	7
JOEY	ART1	8

c.

MANAGER	ART1	ART2	ACT1
RACHEL	1	2	.
JOEY	2	.	1

d.

MANAGER	ART1	ART2	ACT1
RACHEL	A	B	.
JOEY	B	.	A

**Your answer:** b

**Correct answer:** b

To create a path analysis object in SAS Visual Analytics, the table must have one row for each event-identifier pair, and a datetime data item or measure that orders the events for any given identifier. In this example, CLASS is the event, NAME is the identifier, and ORDER (numeric) is the ordering data item.



2. If you would like to easily view each path separately from start to end, how should you color the links in a path analysis object?

- a. By path
- b. By event
- c. By drop off
- d. By weight

**Your answer:** a

**Correct answer:** a

Coloring links by path is useful if you have a small number of paths and you would like to follow each path separately from start to end.

---



3. If you would like to visually compare the same events throughout the path analysis object, how should you color the links?

- a. By path
- b. By event
- c. By drop off
- d. By weight

**Your answer:** b

**Correct answer:** b

Coloring links by event makes it easier to visually compare the same event throughout the path analysis object.

---



4. If you would like to identify where paths frequently end, how should you color the links in a path analysis object?

- a. By path
- b. By event
- c. By drop off
- d. By weight

**Your answer:** c

**Correct answer:** c

Coloring links by drop off makes it easier to identify where paths frequently end.

---



5. What types of data items are needed to create a path analysis object?

- a. 3 categories
- b. 2 dates, 1 aggregated measure
- c. 3 measures
- d. 2 categories, 1 measure

**Your answer:** d

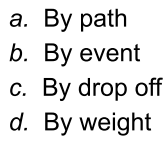
**Correct answer:** d

To create a path analysis object in SAS Visual Analytics, you need a category for the Event role, a date or measure for the Sequence order role, and a category or measure for the Transaction identifier role.

---



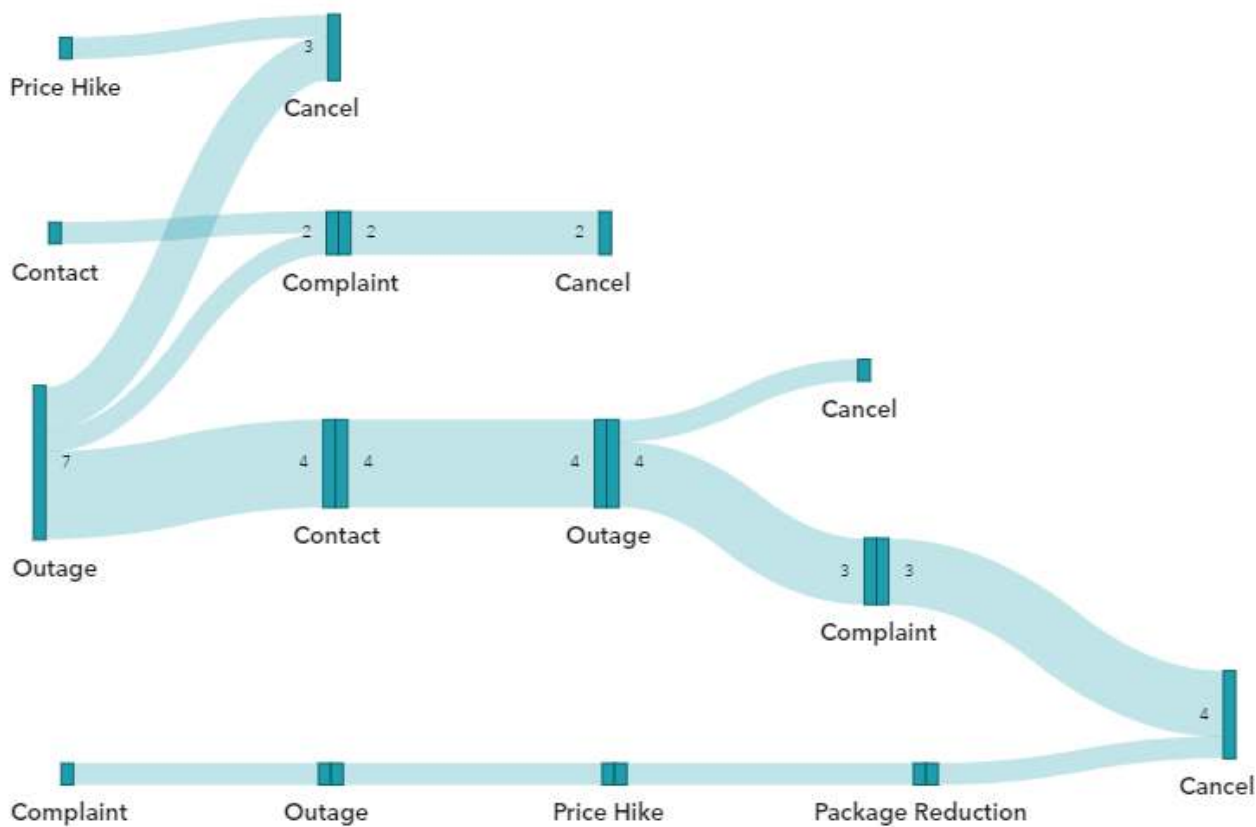
6. How are the links colored in this path analysis object?



**Your answer: b**  
**Correct answer: b**



7. How are the links colored in this path analysis object?



- a. By path
- b. By event
- c. By drop off
- d. By weight

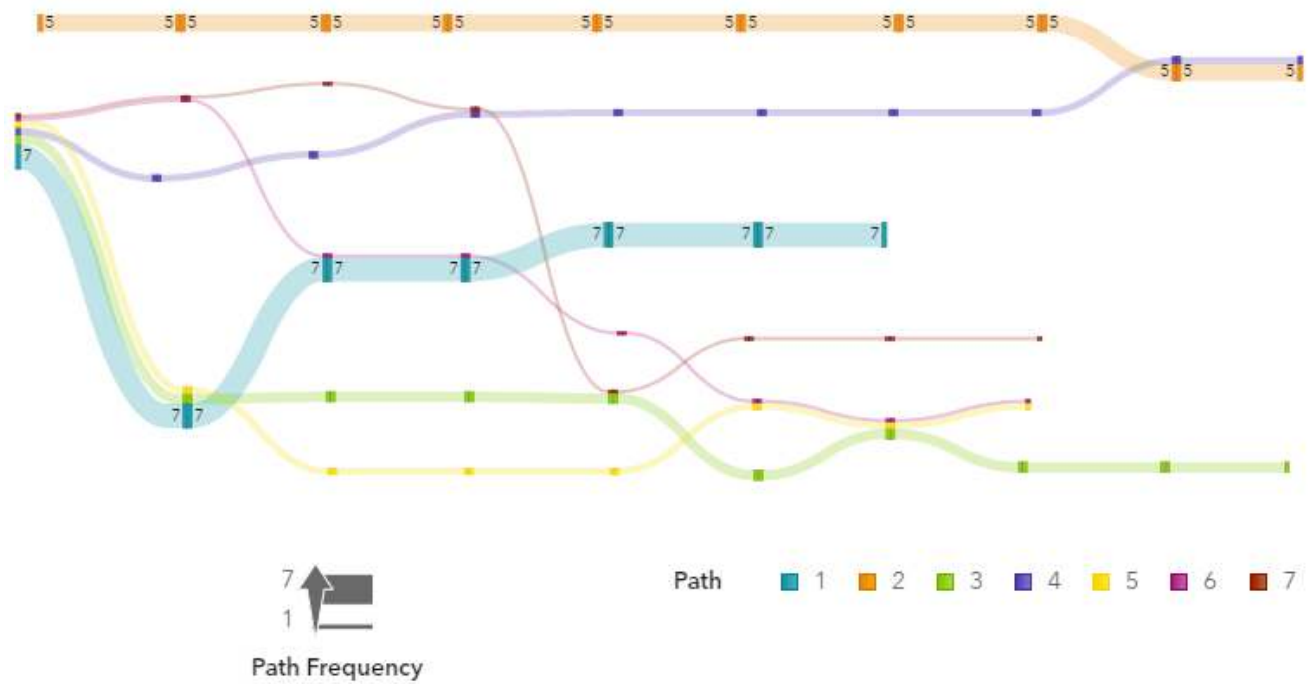
Your answer: **c**

Correct answer: **c**

In this example, the links are colored by drop off. Notice how all paths are the same color. This indicates that the paths end without additional paths continuing onwards.



8. Which path is most common in this path analysis object?



- a. 1
- b. 2
- c. 3
- d. 7

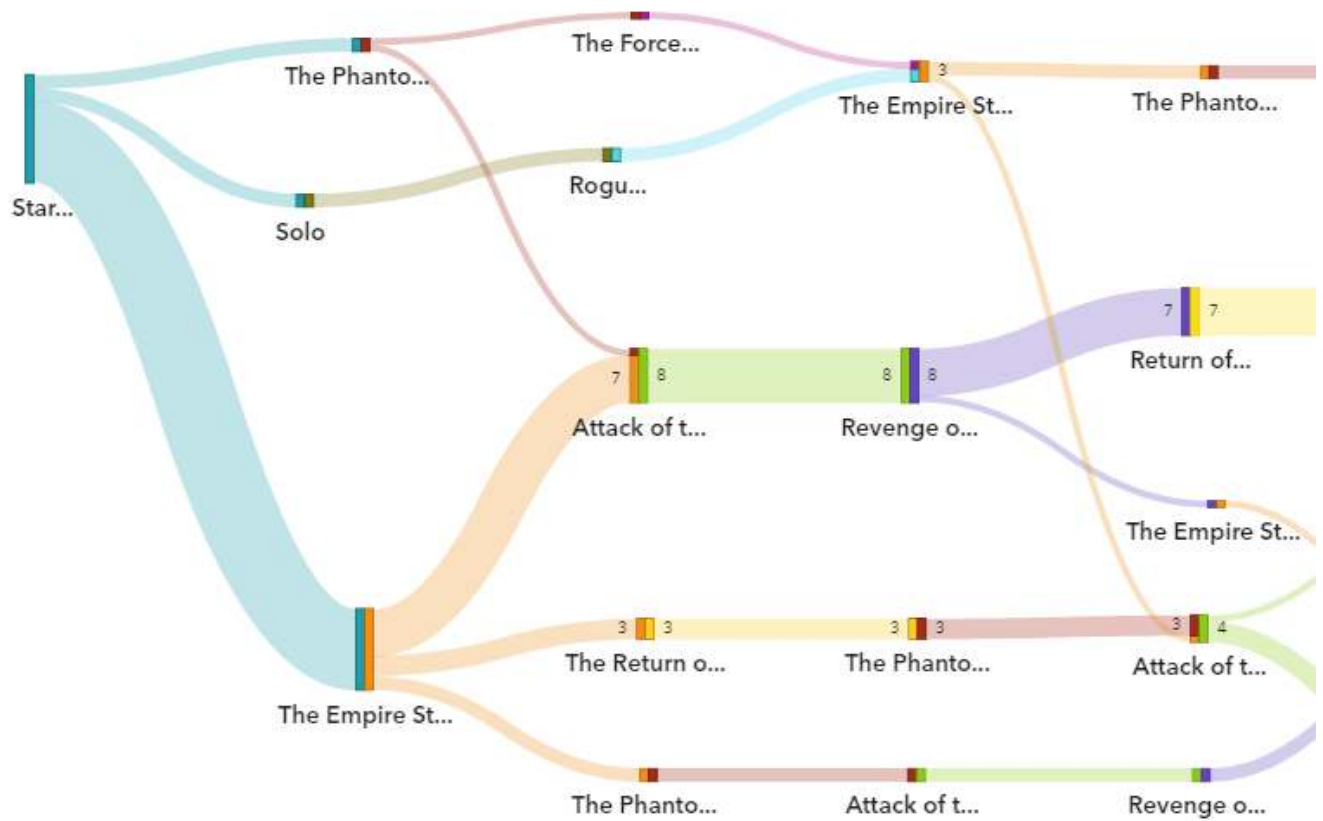
**Your answer:** a

**Correct answer:** a

In this example, the most common path is the teal path (path 1). There are seven identifiers that follow this specific path.



9. How are the links colored in this path analysis object?



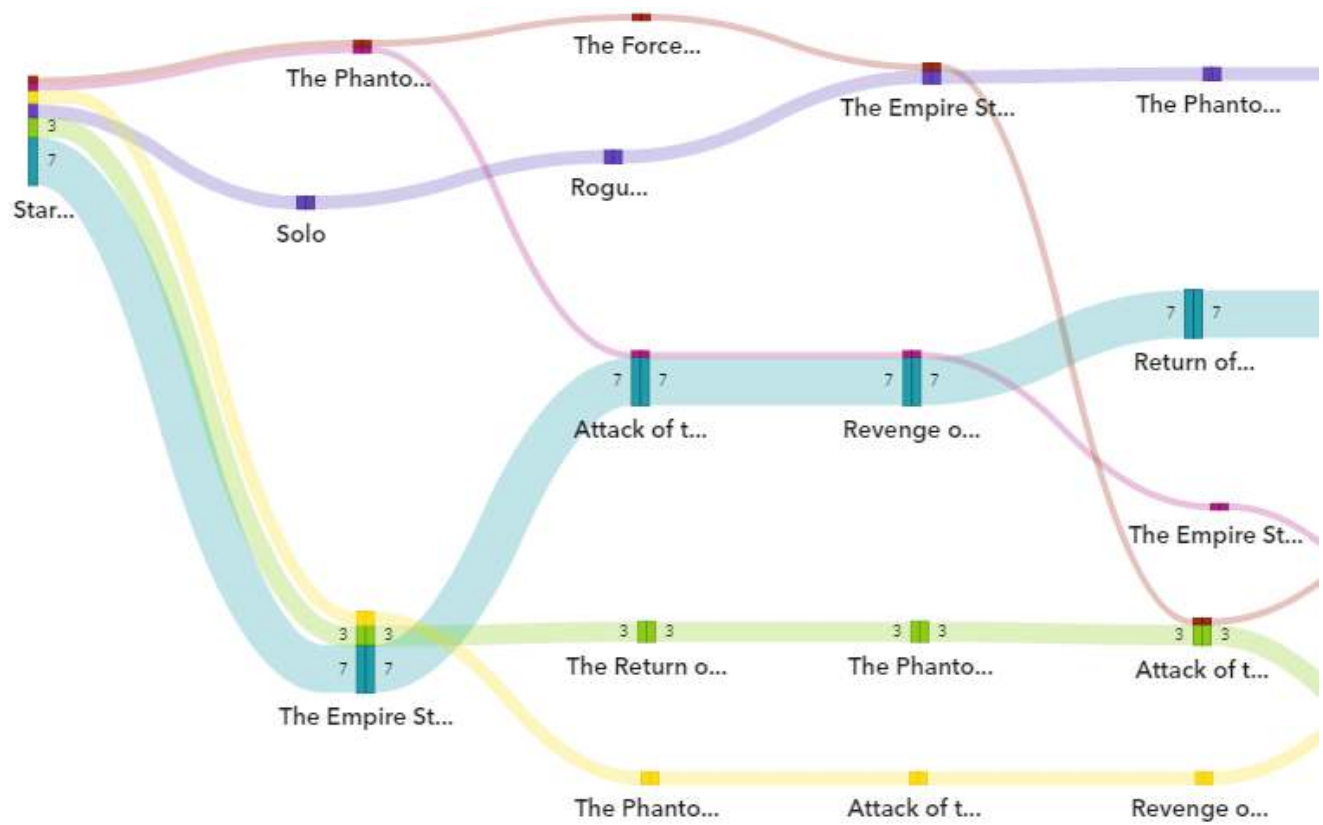
- a. By path
- b. By event
- c. By drop off
- d. By weight

Your answer: b  
Correct answer: b

In this example, the links are colored by event. Notice how the path after The Empire Strikes Back event is always an orange color.



10. How are the links colored in this path analysis object?



- a. By path
- b. By event
- c. By drop off
- d. By weight

Your answer: a

Correct answer: a

In this example, the links are colored by path. Notice how each path is a separate color.

Close