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## Step 4: Test a Topic

[PDF \(amazon-quicksight-user.pdf#test-topic-quicksight-q-walkthrough\)](#)

[Kindle \(https://www.amazon.com/dp/B076453HGY\)](https://www.amazon.com/dp/B076453HGY)

[RSS \(amazon-quicksight-doc-release-notes.rss\)](#)

### 1. Ask QuickSight Q questions and iteratively test your Topic

Asking QuickSight Q questions will ensure the friendly names, synonyms, and metadata behave as expected.

### 2. Go to the QuickSight Q bar at the top of your screen. If you do not see the QuickSight Q icon [icon], refer to the [permissions/prereqs].

Select the topic you would like to ask questions for. For this walkthrough, select \*Stakeholder Activity 2018-2019.\*

#### 1. Type in the question you would like to ask Q.

#### 2. While creating this topic, you may want to ask Q the following questions:

3.
  - How many users are there? (You may want to try this for every ID used in the topic: Artist, Song, Subscriber, etc.)
  - How many streams are there?
  - Show me streams in 2019.
  - Show me users by quarter in 2019.
  - Where do Users stream songs?
  - Which platform has the most streams?
  - Which Songs have the most number of streams?
  - Which Artists has the highest number of monthly listeners?
  - How many Users created accounts in 2019?
  - How many Users became Subscribers in 2019?
  - How much revenue is generated from subscriptions?
  - How old are Users on average?
  - Where are Users located?

4. By asking questions, you will be able to alter metatags as needed, and Amazon QuickSight Q will learn from those corrections over time.
3. After you have created your topic, try asking variations of the questions we selected for the topic in Step 2 [link to step 2].
4. The questions we developed for the topic are listed below for your reference:
  1. Which songs were the most popular in 2019?
  2. Which platform (mobile, desktop, app) was the most popular in 2019?
  3. What was the subscription revenue in 2019?
  4. Show me the monthly traffic on each platform.
  5. What is the traffic on mobile by country?
  6. How many subscribers were recruited in 2019 by month?
5. Potential variations include (but are not exclusive to):
  1. Top 10 songs
  2. Most popular platform by streams
  3. How many people used the app in 2019?
  4. Show me the subscription revenue by month in 2019.
  5. How many users are from USA?
  6. How many streams were on desktop?
  7. How many subscribers joined in 2019?
  8. Show me the subscription revenue by quarter.
6. Troubleshoot Amazon QuickSight Q answers to improve Amazon QuickSight Q's performance.

If QuickSight Q provides an incorrect answer or uses an incorrect term, you can specify terms and alter visualizations to improve Q's understanding.

#### Note

If your question has to do with some period of time (month, quarter, 2019, year), try using the terms "in" and "by" before the period of time.

- by month (groups the data by month)
- in 2019 (filters out the data by year)
- by month in 2019 (data grouped by month filtered in 2019)

After asking the question *\*Which streaming platform was the most popular in 2019\**, some terms may be underlined, such as streaming and popular, and some may not be underlined at all, such as *\*platform\**. The

underlined terms are terms that Q has designated to some field or terms that you or other users may have specified.

7. Select the underlined term streaming. QuickSight Q will prompt you with the following actions:

For this topic, select *\*skip this term\**, which will ignore the streaming term. In this question, ignoring the term will allow QuickSight Q to focus on the *\*number of platform occurrences (mobile, desktop, app)\** in *\*2019.\** (With the term streaming, Q may incorrectly evaluate the question using the unique count of streams).

1. Need to make a change?

This action will allow you to replace the term with your desired field. The current field (if any) that the term is referring to will be underneath the searchbar.

2. Add a filter. This will open a new browser tab.

This action will allow you to create a filter that will apply to the dataset. For more information, refer to the [main docs- fields] .

3. Add a calculated field. This will open a new browser tab.

This action will allow you to create a calculated field that will evaluate an expression you or other authors have created. For more information, refer to the [main docs- calculated fields] .

4. Skip this term.

This action will ensure that Amazon QuickSight Q will ignore the selected term when answering your question.

8. If Q is unable to answer your question, it may prompt you with friendly names and ask that the questions be rephrased. In that case, attempt to structure your questions as closely to the list of Q-friendly question types as possible. For more information, refer to the [main docs - q-friendly question types ] .

If a key term is not underlined, consider adding the key term to a field's synonyms .

Adjust the metadata and other details used to link the terms

1. Add synonyms (default and not allowed). For more information, refer to step 3 of this walkthrough.

2. Adjust the aggregations (default and not allowed). For more information, refer to step 3 of this walkthrough.

If you have a specific visualization you would like to link to the question, refer to the [main doc - linking visualizations]