# Example Topic Details

This document contains information about the QuickSight Q Example Topic: use cases, potential questions, and scope.

## Resources

For information about how the example topic was made, refer to:

* [INTERNAL Data Dictionary 08.11.21](https://quip-amazon.com/9qYMAILHNnEi)
* [EXTERNAL\_Data Dictionary\_08.11](https://quip-amazon.com/KD2lAPntoNG2)

For information about the data model and datasets, refer to:

* [Data Model and Datasets Considerations](https://quip-amazon.com/fFEEAn3fLHog)

## Scope

Due to time constraints and the minimalism of the data model, the example topic covers all of the tables in the data model.  Further, the topic is prepared to answer questions on:

* recruitment of users and subscribers (when they joined)
* traffic of song listens and platform access (how many times was a song listened to and where did users listen to songs)
* subscription revenue by year
* basic aggregations regarding a table’s fields

## List of Questions

### Base Questions (Used in the Walkthrough)

* Which songs were the most popular in 2019?
* Which platform (mobile, desktop, app) was the most popular in 2019?
* What was the subscription revenue in 2019?
* Show me the monthly traffic on each platform.
* What is the traffic on mobile by country?
* How many subscribers were recruited in 2019 by month?

### Questions that should be able to be answered (if the topic is robust)

* When Users stream songs
* Which platform Users prefer to access their music from
* Which Songs are the most popular
* Which Artists are the most popular
* How many Users created accounts
* How many Users became Subscribers
* How much revenue is generated from subscriptions
* How old Users are
* Where Users are located

### Data/time - Streams

* show me the streams by month in 2019
* what time is the most popular for streams (cannot answer)

### Platform - Streams

* which streaming platform was the most popular in 2019
* top streaming platform
* platform usage by month in 2019 (shows the overall usage)
* platform **access** by month in 2019 (shows app vs desktop vs mobile)

### Songs/Artists - Streams

* most popular songs by streams
* top 10 artists by song listens

### Users - Account

* how many users joined in 2019
* how many users joined by month in 2019
* how many users joined by country in 2019
* how many users joined by age in 2019
* average age of users who joined in 2019

### Subscribers - Account

* moving subscription revenue by month
* subscription revenue by month
* how many subscribers joined in 2019