Milestone 2: List of Questions

CNIT 372

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1. Find the video with the highest like to view ratio. This will allow the solver to use their current knowledge of PL/SQL to divide the values of two columns and create a new result column with the like to view ratio. This question gives us an idea of what video had the most positive engagement compared to views.

2. Find the video that was most popular (had the most views) on November 15th. This question allows the solver to use their PL/SQL knowledge and to find the video name where a certain column equals a value. Thi question allows us to see what video was the most popular at the start of the month, and will let us know what the current trend may be.

3. Find the video from each genre that has the highest views. This has the user use a max() statement in order to find the answer. This question will allow us to see of each genre what is the most popular and then we can compare to see if all of the top videos have something in common.

4. Find the ratio of subscribers to videos. This will have the user taking the values from two columns and dividing them. This is important because it allows us to see if there is a correlation between the amount of videos that a channel puts out and their subscriber count.

5. Find the video that has the most views by its date. This will have the user look for the highest value in each category(by month). The data received will help us understand which type of video is preferred monthly by viewers.

6. Find the percentage of the viewers who like the video. By looking up the amount of viewers and the number of likes we could identify the percentage of viewers that actually press like. This will help youtubers to know how much people press life after watching the video.

7. Find the age ratio of the subscribers to the channel. By looking up the total value of subscribers and looking up the number of subscribers categorized by age, it will help the creators identify which age they should target.

8. What is the relationship between the number of subscribers a channel has and the likelihood of their videos trending? By looking at the SubscriberCount and TrendingRank, we can analyze the correlation between channel subscriber count and the rank of their trending videos. This can be helpful for youtubers understand how their existing subscriber base impacts their videos' chances of trending.

9. Which YouTube channels have the highest average user interaction for their trending videos. By looking at likes, comments, and view count we are able to identify the channels with the most engaged audiences.

10. What is the relationship between video duration and viewer engagement? By looking at Video duration, likes, comments, and views, youtubers can benefit from understanding how video duration impacts viewer engagement and can help them optimize the duration for the most viewer engagement.

Brian Kim: Made questions 5,6, and 7.

Hunter King: Made the document, then created questions 1, 2, 3 and 4.

Samyak Lasod: Made questions 8, 9, and 10.