Milestone 2: List the Questions

Submit 10 questions that your project will answer based on the data provided.For each question, explain what knowledge it will use from this class, and why it is important/useful for whom.

1. Identifying Trending Video Languages:
   "Write a query to determine which language has the highest average video views, indicating potentially trending content languages."
2. Analyzing Video Quality Impact on Engagement:
   "How can you analyze if there's a correlation between video quality and community engagement (likes and comments)?"
3. Evaluating Creator Gender Diversity in Popular Content:
   "Create a query to evaluate the gender diversity of creators among the top 10% most viewed videos."
4. Strategizing Channel Growth:
   "How would you identify channels that have a high number of subscribers but relatively low video views, suggesting potential areas for content improvement?"
5. Assessing Community Engagement Trends:
   "Write a SQL query to find out if there's a significant difference in community engagement (likes + comments) between videos with different quality levels."
6. Optimizing Content for Viewer Preferences:
   "Can you determine the most common video language among the top 20% most-liked videos, to understand viewer preferences?"
7. Channel Performance Analysis:
   "How would you compare the average number of views per video against the total subscriber count for each channel, to assess overall channel performance?"
8. Creator Impact on Video Popularity:
   "Create a query to find out which creators' videos have, on average, the highest number of views, indicating their influence on content popularity."
9. Understanding Audience Interaction Patterns:
   "Write a SQL query to analyze the ratio of likes to comments across all videos, to understand audience interaction patterns."
10. Evaluating Channel Engagement Efficiency:
    "How can you assess channels based on their 'engagement efficiency,' calculated as total community engagement divided by the number of videos, to identify which channels are most effectively engaging their audience?"

Describe your teamwork: how did you come up with the 10 questions, list the contribution of each team member

- **Ali: Discussed the importance of using data for content improvement and suggested questions related to video engagement and viewership trends.**
- **Krish: Outlined the questions and explained how they relate to class knowledge, including data analysis techniques and their relevance to content creators.**

- **Shivam: Provided insights into the potential uses of the data and contributed questions related to language analysis, subtitles, and community engagement.**