Some Questionions to Consider for Looker:

1. What is Looker, and how does it fit into the realm of business intelligence and analytics?
2. Explain the role of LookML in Looker and how it facilitates data modeling.
3. Can you outline the main components of Looker's architecture?
4. How does Looker handle data exploration, and what are some key features for this purpose?
5. Differentiate between dimensions and measures in Looker terminology.
6. Discuss the significance of joins in Looker and when you might choose a specific type of join.
7. How can you optimize Looker queries for improved performance?
8. Explain the purpose of view files in Looker and their role in LookML projects.
9. What is caching in Looker, and how does it impact query performance?
10. Describe the process of integrating Looker with various data sources and databases.
11. What are explores in Looker, and how are they utilized in data exploration?
12. How would you organize and manage a LookML project effectively?
13. Walk through the steps of creating a dashboard in Looker.
14. What is the difference between a filter and a parameter in Looker?
15. How does Looker support data governance and security measures?
16. Discuss the role of Derived Tables in Looker and provide an example use case.
17. What are persistent derived tables (PDTs), and when might you use them in Looker?
18. How does Looker handle version control for LookML projects?
19. Describe the significance of roles and permissions in Looker.
20. Provide an example of using Liquid variables in Looker.
21. Discuss scheduling and automation options for Looker reports.
22. How does Looker support drill-down and exploration within dashboards?
23. Considerations for optimizing Looker performance in large-scale deployments.
24. Explain how Looker handles data distribution and clustering in the underlying database.
25. Discuss the importance of persistent filters in Looker.
26. Can you share a use case where Looker's data modeling capabilities are particularly beneficial?
27. Walk through the process of embedding Looker content into external applications.
28. How would you troubleshoot and optimize a slow-performing Looker dashboard?
29. How does Looker handle time-based dimensions and time exploration?
30. Discuss the process of creating calculated fields in Looker.
31. Explain how Looker supports mobile access and responsiveness in dashboards.
32. Discuss the concept of filter expressions in Looker and their practical use cases.
33. How does Looker handle parameterized queries and dynamic content?
34. Discuss the role of data actions in Looker and their impact on user interactions.
35. Explain the concept of Looker API and its use in extending Looker functionality.
36. How does Looker handle localization and internationalization in dashboards?
37. Discuss the process of migrating LookML projects between different environments.
38. Explain the purpose of using templated filters in Looker dashboards.
39. What are some best practices for designing visually effective and informative Looker dashboards?
40. Explain the concept of content validation in Looker and its significance.
41. How does Looker handle data caching and invalidation?
42. Discuss the role of scheduled maintenance in a Looker deployment.
43. Describe the process of managing and monitoring Looker performance in a production environment.

Looker Studio:

1. What is Looker Studio, and how does it enhance the user experience in Looker?
2. Can you outline the key features and components of Looker Studio?
3. How does Looker Studio contribute to the design and customization of dashboards?
4. Explain the role of themes in Looker Studio and how they impact the overall dashboard aesthetics.
5. Discuss the significance of the layout grid in Looker Studio for dashboard design.
6. How does Looker Studio support responsive design for dashboards across various devices?
7. Describe the process of adding and customizing elements in Looker Studio.
8. How can Looker Studio be utilized for creating and managing user-specific dashboards?
9. Explain the concept of the Looker Marketplace and its relevance to Looker Studio.
10. How does Looker Studio handle the integration of custom visualizations into dashboards?
11. Discuss the role of the Looker Data Dictionary within Looker Studio.
12. How does Looker Studio facilitate the incorporation of branding elements into dashboards?
13. Describe the process of embedding Looker Studio dashboards into external applications.
14. What considerations should be taken into account when designing interactive elements in Looker Studio dashboards?