

# 89 SSRS Interview Questions to Hire Top Engineers

## Questions

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1. What is SSRS and why do we use it?
2. Can you describe the SSRS architecture?
3. What are the different types of reports you can create in SSRS?
4. How do you deploy an SSRS report?
5. What is a data source in SSRS?
6. What is a dataset in SSRS?
7. Explain the difference between a data source and a dataset in SSRS.
8. How do you add parameters to an SSRS report?
9. What are the different types of parameters in SSRS?
10. How can you filter data in an SSRS report?
11. Explain how to create a drill-down report in SSRS.
12. What are expressions in SSRS and how are they used?
13. Describe how to add a chart to an SSRS report.
14. What is a subreport in SSRS?
15. How do you handle errors in SSRS reports?
16. How can you improve the performance of an SSRS report?
17. What is the Report Builder tool in SSRS?
18. How do you secure SSRS reports?
19. Can you schedule an SSRS report to run automatically?
20. What is the difference between SSRS and other reporting tools like Crystal Reports?
21. Explain the role of the Report Server in SSRS.
22. How would you deploy reports to different environments (e.g., dev, test, production)?
23. What are the advantages and disadvantages of using SSRS?
24. How would you optimize a slow-running SSRS report? Explain the steps you'd take.
25. Describe a time you used expressions in SSRS. What problem did it solve?
26. What are the different types of parameters in SSRS, and when would you use each?
27. Explain how you would handle errors in an SSRS report.
28. How do you deploy an SSRS report to a production environment?
29. Can you describe a scenario where you would use a subreport in SSRS?
30. What is the purpose of the Report Server database in SSRS?
31. Explain how you would implement drill-down functionality in an SSRS report.
32. How would you secure an SSRS report so that only certain users can access it?
33. Describe the difference between a local report and a server report in SSRS.
34. How would you handle a situation where a dataset returns a large amount of data, causing performance issues in SSRS?
35. Explain how to use the lookup function in SSRS, and provide an example.
36. What are the different types of data sources you can connect to in SSRS?
37. How do you create a matrix report in SSRS? What are the key differences between a table and matrix?
38. Describe a time you had to troubleshoot a complex SSRS issue. What steps did you take to resolve it?
39. How can you improve the performance of SSRS reports with large datasets? Can you think of some techniques?
40. What are the limitations of SSRS, and how can they be overcome?
41. Explain how you would implement a cascading parameter in SSRS. What is the user experience you intend to create?
42. How do you manage report versions and deployments in an SSRS environment?
43. Describe the process of creating a subscription in SSRS. What are the different types of subscriptions?
44. How would you optimize a slow-running SSRS report, and what tools would you use to identify the bottleneck?
45. Explain the difference between a Tablix and a Table in SSRS, and when would you use one over the other?
46. Describe a scenario where you would use a custom code assembly in SSRS, and what are the potential drawbacks?
47. How do you handle security in SSRS, specifically regarding data access and report access control?
48. Explain how you would implement a drill-through report that passes multiple parameters to the target report.
49. Describe your experience with using SSRS subscriptions, and how would you troubleshoot a failed subscription?
50. How would you implement a cascading parameter scenario in SSRS, and what are the considerations for performance?
51. Explain how you would handle large datasets in SSRS to prevent performance issues, considering both the query and the report design.
52. Describe a time when you had to debug a complex expression in SSRS, and what techniques did you use?
53. How would you implement a report that displays data from multiple data sources in SSRS?
54. Explain your understanding of the Report Definition Language (RDL) and how you might modify it directly.
55. Describe a situation where you used custom formatting in SSRS to improve the readability of a report.
56. How do you ensure data accuracy and consistency when creating SSRS reports from various data sources?
57. Explain how you would implement a mobile-friendly report in SSRS, considering different screen sizes and resolutions.
58. Describe your experience with using SSRS with SharePoint integration, and what are the benefits of this integration?
59. How would you approach designing an SSRS report that needs to be accessible to users with disabilities?
60. Explain how you would implement version control for SSRS reports and data sources.
61. Describe a time you had to troubleshoot a memory issue with SSRS. How did you diagnose and fix the problem?
62. How can you improve SSRS report performance if the report is retrieving data over a slow network connection?
63. If a client requests a report with complex calculations that are not possible in SSRS expressions, what approach would you take?
64. What are some strategies for effectively managing and organizing a large number of SSRS reports in a production environment?
65. How would you use SSRS to create a report that displays a dynamic matrix based on user-selected parameters?
66. How would you optimize a slow-performing SSRS report with complex calculations and large datasets?
67. Describe your experience with implementing custom security in SSRS, including row-level security.
68. Explain how you would handle errors and exceptions within an SSRS report to provide a better user experience.
69. Walk me through the process of deploying an SSRS report to a production environment, including version control and testing.
70. How would you design an SSRS report that dynamically adapts to different screen sizes and devices?
71. Describe your approach to troubleshooting performance issues in SSRS reports that involve stored procedures.
72. Explain how you would implement a subscription service in SSRS that delivers reports to users based on their roles and permissions.
73. How do you handle different date formats from the source database in SSRS?
74. Describe the steps involved in integrating SSRS with SharePoint for report management and delivery.
75. Explain how you would implement a cascading parameter in SSRS, where the values in one parameter depend on the selection in another parameter.
76. How would you design an SSRS report that uses a combination of data from multiple data sources?
77. Describe your experience with using custom code (VB.NET or C#) within SSRS reports to perform complex calculations or data manipulation.
78. Explain how you would handle large volumes of data when generating SSRS reports, including techniques like pagination and data virtualization.
79. How do you use the execution log view to troubleshoot SSRS report performance?
80. Explain your approach to creating interactive SSRS reports that allow users to drill down into detailed data.
81. Describe your experience with using the Report Builder tool to create and modify SSRS reports.
82. Explain how to enable and use caching in SSRS, and when would it be most appropriate?
83. How do you ensure data accuracy in SSRS reports?
84. What steps would you take to migrate SSRS reports from one server to another, while minimizing downtime?
85. How would you handle security when embedding an SSRS report in an external application?
86. Describe the difference between a shared data source and an embedded data source in SSRS, and when would you use each?
87. Explain how you would use the Lookup function in SSRS to retrieve data from a separate dataset.
88. How do you manage and optimize SSRS report server resources, such as memory and CPU usage?
89. Describe a time you had to debug a complex expression in SSRS, and what tools or techniques you used.