

Interview Questions to Ask a Data Analyst| Xobin [Downloaded]

We at Xobin reached out to over 70+ Hiring teams to curate the best interview questions. We didn't stop there.

We went ahead to understand what type of answers differentiated the top candidate from the rest. Here is what we've got for you.

Role-specific skills to look for: Programming languages(R/SAS), Data visualization, data warehousing, SQL database, Data mining, cleaning and munging, and Database query languages.

Soft skills to look for: analytical thinking, attention to detail, research, problem-solving, and teamwork.

Pro Tip: Always screen before your interview. Use [Online Assessment to screen applicants for a Data Analyst](#) position before blocking your time for an in-person interview.

Compilation of Data Analyst Questions

Role-Based Interview Questions to ask a Data Analyst



Can you explain what is logistic regression?

Purpose of the question: This question is designed to test the candidate's knowledge of basic concepts like logical regression.

What to listen for in candidate response: Look for the specific terms which define logistic regression.



How would you differentiate between compare and contrast data profiling?

Purpose of the question: Like the previous question, this question is designed to test the candidate's knowledge of basic concepts.

What to listen for in candidate response: Listen for the specific terms that differentiate between compare and contrast data profiling.



How would you estimate how many tourists visit Delhi every day?

Purpose of the question: This question is designed to understand how well can a candidate can process as an analyst without datasets.

Purpose of the question: Top candidates would explain how they identify the variables, communicate them, and ideas they have to find the answer.



What are some best practices for data cleaning? What are the steps you take?

Purpose of the question: Data cleaning is one of the essential processes to enhance the quality of data. Hence it is important for an applicant for this job role to be aware of.

What to listen for in candidate response: An ideal candidate would list the best practices they follow and details about why they favor particular practices, based on

their own experience.



What tools or software do you prefer to use in the previous phases of data analysis?

Purpose of the question: By asking this question the interviewer can get to know about the candidate's exposure to the analytical tools.

What to listen for in candidate response: Top candidates would explain what are the tools they comfortable with and what experience they have with them.



Do you have any experience with statistical models? How did you use it solve it to solve a business task?

Purpose of the question: Knowledge and experience of the statistical model are crucial for this job position.

What to listen for in candidate response: An ideal candidate would talk about their involvement in building, using, or maintaining statistical models.



Which scripting languages have you worked with? Which one did you like best and why?

Purpose of the question: A good command of multiple scripting languages is essential for a data analyst. Hence, this question can be asked to test the same.

What to listen for in candidate response: Top candidates would elaborate their experiences and demonstrate enthusiasm to expand knowledge.



What is your experience in creating dashboards?

Purpose of the question: This question is designed to understand the candidate's experience with dashboards, as data analysts are often involved in building and updating dashboards.

What to listen for in candidate response: An ideal candidate would outline the types of data visualizations, and metrics they have used in their dashboard.



Which Excel function have you used mostly?

Purpose of the question: By asking this question an interviewer can assess the candidate's expertise in Excel.

What to listen for in candidate response: Top candidates would highlight their advanced skills, particularly statistical function.



How would you measure the business performance of our company and what information would be most important to consider, in your opinion?

Purpose of the question: This question is designed to understand what sort of projects the candidate is eager and able to tackle for your company if hired.

What to listen for in candidate response: Top candidates would show if they have a good sense of your company's goal and are familiar with industries practices and norms.

Situational Interview Questions to ask Data Analyst



How has your experience till now been, working in a Data Analyst position?

Purpose of the question: By asking this question the interviewer can get to know what the candidates do while they are working in detail.

What to listen for in candidate response: The top candidate would connect to their past experiences and the job opening and current job position.



Have you worked on or learned any new technology recently?

Purpose of the question: Being updated with the latest trends in the market is a sign of a top candidate.

What to listen for in candidate response: Look for evidence of the understanding of the new trends in the candidate.



How do you determine a time estimation for the completion of a project?

Purpose of the question: How do you determine a time estimation for the completion of a project?

What to listen for in candidate response: Look for evidence of leadership qualities related to project planning and execution.



What have you learned from your previous mistakes as a Data Analyst?

Purpose of the question: This question is designed to learn about the collaboration, dedication, and other skills of a candidate.

What to listen for in candidate response: Pay attention to the answer and look if the examples shared, are fairly inconsequential, unintentional, and a learned lesson should be gleaned from it.



What challenges are you looking for in this Data Analyst position?

Purpose of the question: The question is designed to understand and determine what the candidates are looking for in their next job and whether they would be a good fit for the position being hired for.

What to listen for in candidate response: Top candidates would discuss how they would like to be able to effectively utilize their skills and experience if they were hired for the job.



Has there been any instance where a member of your disagreed with you?
How did you handle that?

Purpose of the question: This question is designed to understand how the candidate applied their teamwork and other skills to direct effective processes between the disagreements.

What to listen for in candidate response: Top candidates would describe their experience with effective workflow, effective communication, and other roles as a team player.



Why do you want to work for our company?

Purpose of the question: This question is designed to know what kind of information does the candidate has about your company culture and what has excited them to join your organization.

What to listen for in candidate response: Listen for the detail about what has driven the candidate to work for your organization.



What skills do you think are necessary for this job role?

Purpose of the question: Since software developers rely on a combination of technical knowledge and transferable skills to be successful. Therefore it is important for an applicant for this role to show the required skills.

What to listen for in candidate response: Look for evidence of the required skills for this job role.



What are your salary expectations?

Purpose of the question: This question is helps in understanding what the market is currently paying for certain qualifications, experience, and skills.

What to listen for in candidate response: Top candidates would give the range of salary they expect.



Do you have any questions for us?

Purpose of the question: The question is designed to know how interested the candidates are in your company.

What to listen for in candidate response: Top candidates would ask questions and show interested in the job and company-related details.

Start Optimizing your Data Analyst Hiring today

Find and hire talent with confidence. If your candidate doesn't know the answer to the above questions and you're hiring for a Data Analyst position, then they're obviously not a great fit.



Prepared and Curated by Xobin Team