

# To choose or not to choose, that is the question



The HackerEarth library has more than 11 different question types that you can use to evaluate candidates on various skills. Each question type serves a purpose and can be used to hire developers for a specific role. Here's how you can pick the right type of question to evaluate developers.

## MCQ

### The fundamental(s)

MCQs comprise a problem statement and multiple answer choices, one or more of which may be the right answer. These questions are evaluated automatically as the selected option is compared against an existing answer key.

Suitable for all roles.



## Programming

### Quality and logic make for the perfect combination

Test a candidate's skills on algorithm knowledge, analytical thinking, and problem-solving ability. Give them the flexibility to code in different computer languages.

Suitable for full-stack developers, Java developers, and quality analysts.

## SQL

### The database whisperer

Use SQL questions to test candidates' knowledge of queries used to retrieve relevant data from a specific database. Evaluate their expertise and check their program optimization and problem-solving skills.

Suitable for database developers, database analysts, SQL developers, and Oracle developers.



## Diagram

### How clear is your mind map?

Diagram questions allow candidates to represent a design by dragging, dropping, and arranging relevant components. Use this question to evaluate a candidate's logic or his/her expertise in creating a strategy.

Suitable for senior-level roles including lead architect and product managers

## Front-end

### Beauty lies in the eye of the designer

Front-end questions can evaluate a candidate's front-end development skills. Test candidates on how well they can structure, design, and add logic to web pages by using HTML, CSS, and JavaScript.

Suitable for UI and Web developers.



## File upload

### Break it down

Present a problem such as a full-stack application or a PowerPoint presentation to the candidates. The problem statement might ask the candidates to provide a sample business plan or to send you a .zip file of the code written for the problem.

Suitable for VBScript programmers, full-stack developers, devops engineers and mobile app developers

## Project

### Hands-on skills

Test a candidate's hands-on programming skill against testing only the algorithmic coding knowledge. You can also assess how familiar candidates are with the concepts of code structure, file hierarchy, various frameworks, and libraries. Available as C#, Python and Java project questions in the HackerEarth library

Suitable for project managers, senior C# developers, and senior Python developers.



## Subjective

### It's all in the details

Subjective questions allow you to ask candidates open-ended questions. You can include short answers, definitions, scenario questions, and opinion questions.

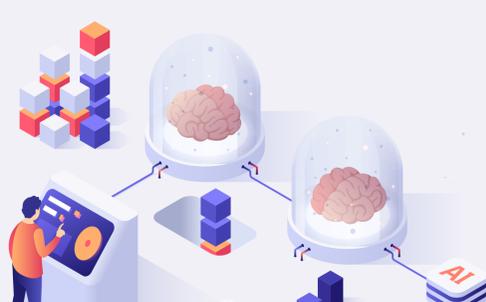
Suitable for technical writers and process managers

## Machine learning

### Prediction explained

Evaluate candidates on how well they know relational databases and Big Data platforms. These questions also assess the knowledge of building models based on predictive analysis.

Suitable for Machine Learning engineers and data scientists.



## Data science

### All about hitting the bull's eye

Evaluate a candidate's ability to analyze data, extract information, formulate conclusions, and make decisions. Test their ability in probability and statistical analysis, time-series analysis, feature engineering and in the use of machine learning methods, such as linear regression and correlation.

Suitable for data science engineers, data scientists and data analysts