

Evaluate SQL abilities



The **SQL Test** is designed to assess a candidate's proficiency in Structured Query Language (SQL). It is particularly useful for recruitment purposes, helping employers evaluate the technical abilities of potential hires. The test covers fundamental and advanced SQL concepts to ensure candidates have the necessary skills to interact with databases efficiently and securely.



Job-seekers, employees,
and students preparing for
technical job interviews



English, French



15 questions



20 minutes

OBJECTIVES

- Recruitment
- Identify top SQL talent efficiently
- Training

KEY FEATURES

- Evaluates SQL skills across 5 domains
- Assesses Basic and Intermediate levels of proficiency
- Real-World Scenarios
- Automated evaluation ensures fairness

DETAILS

The candidate receives an overall calibrated rating and detailed results by domain:

- **Joins:** Combining data, ensuring efficient relational data retrieval and query optimisation.
- **Aggregate Functions:** Data aggregation techniques to enable structured data analysis and reporting.
- **Transactions:** Ability to ensure data consistency and integrity through database transactions.
- **Fundamentals:** Ability to understand relational databases, schema design, and query structuring.
- **CRUD (Create, Read, Update, Delete):** Ability to maintain data integrity and optimise database performance.

SAMPLE QUESTION: Upper Intermediate

SaleID	ProductID	Quantity	UnitPrice
1	1	10	2.50
2	2	5	3.00
3	3	2	5.50

You want to identify the product that generated the highest revenue (Quantity * UnitPrice). Which queries are correct?

REPORT PRESENTATION

- Full report on SQL skills.
- Scores and personalised comments for each SQL dimension.
- An explanation of the solutions.



Evaluate AWS abilities



The **AWS Test** is designed to assess a candidate's knowledge and practical understanding of Amazon Web Services (AWS). It is especially valuable for recruitment, helping employers evaluate a candidate's ability to design, deploy, and manage cloud-based solutions using AWS services and best practices. The test covers fundamental and advanced concepts to ensure candidates can apply practical AWS implementations.



Job-seekers, employees, and students preparing for technical job interviews



English, French



15 questions



20 minutes

OBJECTIVES

- Recruitment
- Identify top AWS talent efficiently
- Training

KEY FEATURES

- Evaluates AWS skills across 5 domains
- Assesses Basic and Intermediate levels of proficiency
- Real-World Scenarios
- Automated evaluation ensures fairness

DETAILS

The candidate receives an overall calibrated rating and detailed results by domain:

- **Cloud Foundations and Architecture:** Architectural patterns to build scalable/resilient cloud applications.
- **Compute, Storage, Networking:** Ability to ensure optimal cloud resource utilisation.
- **Security and Governance:** Ability to ensure secure and well-governed cloud environments.
- **Application Development and Integration:** Architecture and communication between distributed systems.
- **Data and Analytics:** Using (un)structured data processing techniques to support data-driven decision-making.

SAMPLE QUESTION: *Intermediate*

FinanceLink, a fintech company, is designing a hybrid cloud architecture to connect their on-premises data center to AWS. They need to ensure secure, low-latency connectivity with the ability to expand to multiple VPCs in the future. The architecture must minimize operational overhead and support high availability.

Which solution best meets their requirements?

REPORT PRESENTATION

- Full report on AWS skills.
- Scores and personalised comments for each AWS dimension.
- An explanation of the solutions.



Evaluate JavaScript abilities



The **JavaScript Test** is designed to assess a candidate's knowledge and practical understanding of JavaScript. It is especially valuable for recruitment, helping employers evaluate a candidate's ability to write, analyse and optimise JavaScript codes. The test covers fundamental and advanced concepts to ensure candidates have the necessary skills to problem-solving, code efficiently and debug.



Job-seekers, employees,
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technical job interviews



English, French



15 questions



20 minutes

OBJECTIVES

- Recruitment
- Identify top JavaScript talent efficiently
- Training

KEY FEATURES

- Evaluates JavaScript skills across 5 domains
- Assesses Basic and Intermediate levels of proficiency
- Real-World Scenarios
- Automated evaluation ensures fairness

DETAILS

The candidate receives an overall calibrated rating and detailed results by domain:

- **JavaScript Fundamentals:** Core concepts like scoping, closures and execution context to write structured codes.
- **Data Types and Variables:** Understanding and managing JavaScript types, variable scope and type coercion.
- **Operators and Expressions:** Writing predictable logic using comparison, logical and arithmetic operators.
- **Functions:** Creating and managing reusable logic through functions, closures, and execution context.
- **Control Structures:** Implementing flow control using conditionals, loops and iteration patterns.

SAMPLE QUESTION: *Beginner*

What will the following code output?

```
function greet(name = "Guest") {  
  return `Hello, ${name}!`;  
}  
console.log(greet("Alice"));  
console.log(greet());
```

REPORT PRESENTATION

- Full report on JavaScript skills.
- Scores and personalised comments for each JavaScript dimension.
- An explanation of the solutions.

Evaluate DevOps abilities



The **DevOps Test** is designed to assess a candidate's knowledge and practical understanding of DevOps. It is especially valuable for recruitment, helping employers evaluate a candidate's ability to implement automation, manage infrastructure and ensure system reliability. The test covers fundamental and advanced principles and practices to ensure candidates have the practical ability to optimise workflows, deployments and system observability.



Job-seekers, employees, and students preparing for technical job interviews



English, French



15 questions



20 minutes

OBJECTIVES

- Recruitment
- Identify top DevOps talent efficiently
- Training

KEY FEATURES

- Evaluates DevOps skills across 5 domains
- Assesses Basic and Intermediate levels of proficiency
- Real-World Scenarios
- Automated evaluation ensures fairness

DETAILS

The candidate receives an overall calibrated rating and detailed results by domain:

- **CI/CD Pipelines & Automation:** Automating build, test, and deployment to ensure consistent software delivery.
- **Containers & Orchestration:** Managing containerised applications for scalability and efficient resource use.
- **Cloud Platforms:** Deploying and managing applications using core cloud services and models.
- **Infrastructure as Code (IaC):** Automating infrastructure with code for scalable, repeatable deployments.
- **Monitoring & Logging:** Ensuring system health through observability, metrics, and alerting practices.

SAMPLE QUESTION: *Beginner*

```
resource "aws_instance" "web" {  
  ami = "ami-12345678"  
  instance_type = "t2.micro"  
}
```

What additional configuration is needed for a successful *terraform apply*?

REPORT PRESENTATION

- Full report on DevOps skills.
- Scores and personalised comments for each DevOps dimension.
- An explanation of the solutions.

Evaluate Python abilities



The **Python Test** is designed to assess a candidate's proficiency in Python programming. It is particularly useful for recruitment purposes, helping employers evaluate the technical abilities of potential hires. The test covers fundamental and advanced Python concepts to ensure candidates have the necessary skills to develop efficient and maintainable applications.



Job-seekers, employees,
and students preparing for
technical job interviews



English, French



15 questions



20 minutes

OBJECTIVES

- Recruitment
- Identify top Python talent efficiently
- Training

KEY FEATURES

- Evaluates Python skills across 5 domains
- Assesses Basic and Intermediate levels of proficiency
- Real-World Scenarios
- Automated evaluation ensures fairness

DETAILS

The candidate receives an overall calibrated rating and detailed results by domain:

- **Basic Syntax and Functionality:** Ability to write clear and structured Python code.
- **Data Structures:** Ability to ensure efficient data storage, retrieval, and manipulation.
- **File Management:** Ability to ensure efficient and secure data persistence.
- **Functions and Modules:** Ability to promote code reusability and maintainability.
- **Object-Oriented Programming (OOP):** Ability to write scalable and maintainable Python applications.

SAMPLE QUESTION:

Upper Intermediate

Complete the following function to return all keys in the dictionary where the value is even. Select all that apply.

```
def get_even_valued_keys(data):  
    return _____
```

```
data = {"a": 1, "b": 2, "c": 3, "d": 4}  
print(get_even_valued_keys(data))  
# Expected: ['b', 'd']
```

REPORT PRESENTATION

- Full report on Python skills.
- Scores and personalised comments for each Python dimension.
- An explanation of the solutions.

