

Primers

Is python open source? Yes

Difference between EC3 AND EBS

EC2 (Elastic Compute Cloud): Provides resizable virtual machines (instances) for computing in the cloud, billed based on usage (running duration).

EBS (Elastic Block Store): Offers block-level storage volumes for persistent data storage, billed based on provisioned storage capacity.

What is AWS Lambda

AWS Lambda is a serverless, event-driven compute service that lets you run code for virtually any type of application or backend service without provisioning or managing servers.

How to know version of jQuery?

```
$.ui.version || console.log(jQuery().jquery);
```

List,tuple dictionary chosni vellu

Performance testing question

Write a SQL query to print only name in email like we need to print name before @gmail.com

```
SELECT SUBSTRING_INDEX(email, '@', 1) AS name
```

```
FROM your_table
```

```
WHERE email LIKE '%@gmail.com';
```

Devops helps to maximize the conversation between development team and operations teams?

True. DevOps aims to improve collaboration and communication between development and operations teams, thereby maximizing their efficiency and effectiveness in delivering and maintaining software applications.

Javascript lets you to execute if event occurs

True. JavaScript allows you to execute code when certain events occur, such as when a user clicks a button, submits a form, or when the page loads. This is typically done using event handlers or event listeners.

Is AWS Lambda Serverless Computing

True. AWS Lambda is a serverless computing service provided by Amazon Web Services. With Lambda, you can run code without provisioning or managing servers.

Is EC2 used for Computing

True. Amazon Elastic Compute Cloud (EC2) is a web service that provides resizable compute capacity in the cloud. It is commonly used for computing tasks, such as running applications, hosting websites, and processing data.

In SQL the data is represented in the form of

Ans. Rows and Tables

IAM (Question guruthuku ledu)

IAM stands for Identity and Access Management. It is a service provided by AWS that helps you securely control access to AWS services and resources.

What is not the correct form of declaring ID

Ans. Employee Number, 9Employee

Which operator is used to get the Range in SQL

Ans. BETWEEN

ABS(3.765,2) output?

Ans. Error

McCabe number: The McCabe number, also known as Cyclomatic Complexity, is a software metric used to measure the complexity of a program. It counts the number of linearly independent paths through a program's source code.

Cloud formation

Legal team in gen ai

Coding in constructor

Coding in Arrays

SQL query on joins

Devops Security Advisor

Which operator is used to select the elements in given range?

In Python, the colon (:) operator is used to select elements in a given range. This is typically used with lists, tuples, strings, and other sequence types.

What is the difference between amazon RDS and amazon DynamoDB

Amazon RDS is for relational databases, offering structured data storage with options for various database engines. Amazon DynamoDB is for NoSQL databases, providing a flexible and scalable key-value and document data model. RDS scales vertically, DynamoDB scales horizontally, and DynamoDB offers low-latency performance.

What is meant by continuous integration in devops

Continuous Integration (CI) in DevOps is a practice where developers regularly merge their code changes into a central repository, after which automated builds and tests are run. The main goal of CI is to detect and fix integration errors quickly, often within minutes of the code being committed, rather than waiting for a separate integration phase. This approach helps to improve software quality, reduce integration problems, and allow for faster delivery of updates.

S3 ey type of storage

Amazon Simple Storage Service (S3) is an object storage service provided by Amazon Web Services (AWS). It is a scalable, secure, and highly available storage solution designed for storing and retrieving any amount of data from anywhere on the web.

Html self tags antara

No

Primary key null value accept chethada cheyyada

No

SQL count function related antara

The SQL `COUNT` function counts the number of rows that match a specified condition in a table or result set.

The SQL **COUNT** function is related to other aggregate functions in SQL, such as **SUM**, **AVG**, **MIN**, and **MAX**.

Amazon dynamodb meda

Amazon DynamoDB is a fully managed NoSQL database service provided by AWS. It offers low-

latency, scalable, and flexible storage for key-value and document data models.

Phase of analysis

Options

A - requirement gathering

B - requirements specifications

Generative ai is used for predicting historical data

False

Scalable cloud computing in aws?

Yes, AWS (Amazon Web Services) provides scalable cloud computing services. Users can easily scale their computing resources up or down based on demand, thanks to AWS's flexible infrastructure and services like EC2 (Elastic Compute Cloud), Auto Scaling, and AWS Lambda.

In devops infrastructure as a code means ?

Infrastructure as Code (IaC) in DevOps refers to the practice of managing and provisioning computing infrastructure (e.g., servers, networks, storage) through machine-readable definition files, rather than physical hardware configuration or interactive configuration tools.

laas is a type of cloud computing services which offers storage as service ?

True. IaaS (Infrastructure as a Service) providers typically offer storage as a service, allowing users to access and manage storage resources remotely over the internet.

Which attribute used for url in audio

Ans. src

In the student mark processing system, the HOD wants an analytics report of student performance department-wise. On clicking the VIEW PERFORMANCE, the analytics should be displayed in 2 seconds. What testing should be done under this scenario

Select one:

Performance testing

Usability testing

Regression testing

Stress testing

ANSWER: Performance testing

Html name attribute is obstacle to an anchor tag

False. The `name` attribute in HTML is not an obstacle to an anchor tag (`<a>` tag). In fact, the `name` attribute is commonly used with anchor tags to create named anchors within a document, which can be targeted by links to navigate to specific sections of a page.

List-tuple-dictionary-set

And :tuple immutable

List :mutable

My name num=1000

My name::+name

Ans. Naan

Precision abstract (49.962)(2) -49.96

Is Unique key accepts null value?

False

Substring: email rohith123@gmail.com:substr()

Aws: data analytics large data which cloud data base is used - redshift, dynamoDb, Athena

Ec2 instance is which type of cloud storage!

Not a cloud storage

Html:scenario:expect output!

Foreign key - referential intergnity

Scrum master -agile methodology for day to day activities!

Product owner-what will in the product owner do in the agile environment-approach customers (look for customers)

Agile methodology main purpose in terms of software development (Early & faster access to the

customers)

Aws service lambda expression with the usage of service how much time to access (15min)

Gen ai human emotions & intelligence

False

how to create empty in python

List - []

Tuple - ()

Set - {}

Dict - {}

what is meant by continuous deployment in devops

In DevOps, CD stands for Continuous Delivery, which is the practice of automating the software delivery process to ensure that code changes can be reliably and efficiently deployed to production at any time.

Database transaction can be reverted by

Rollback