

Practice Exam Questions



Adobe Experience Platform Technical Foundations



EXAMKILLER

Help Pass Your Exam At First Try

Adobe

Exam AD0-E600

Adobe Experience Platform Technical Foundations

Version: 3.1

[Total Questions: 50]

Question No : 1

A data engineer is ingesting the transactional information from an ecommerce platform through a daily feed. In AEP, one Experience Event-based schema will collect the purchase events from this feed.

The eventType field of the schema must be populated with 'commerce.purchases' if in a CSV record in which the column 'purchasestartdate' and 'purchaseenddate' happen on the same day. If the 'purchaseenddate' is set to a later date, the eventType should be 'commerce._orgtenant.cancel'.

Both dates follow the same format 'yyyy-MM-dd'T'HH:mm:ss.SSS'Z~. and the 'purchaseenddate' is always populated.

How should the data engineer create a Calculated Field that can be used to populate the eventType according to the required logic?

A)

```
iif(format(purchasestartdate,"yyyy-MM-dd")==format(purchaseenddate,"yyyy-MM-dd"),
"commerce.purchases", "commerce._orgtenant.cancel")
```

B)

```
iif({purchasestartdate}.dayOfYear=={purchaseenddate}.dayOfYear,
"commerce.purchases", "commerce._orgtenant.cancel")
```

C)

```
iif(purchasestartdate == purchaseenddate, "commerce.purchases",
"commerce._orgtenant.cancel")
```

D)

```
iif(getdayOfYear(purchasestartdate) == get dayOfYear(purchaseenddate),
"commerce.purchases", "commerce._orgtenant.cancel")
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: D

Question No : 2

A data engineer is using Data Prep to format data for ingestion. The data engineer needs to load Date/Time as Date values for a field called CustomerCreateDate. The use of this field does not require a time component and as is String based.

The JSON value in this example is '.platosaprod.customerCreateDateVZOOS-11 -04 15:44'.

Which Data Prep functions and order should the data engineer use to format the date without the time component?

- A. `format(p'atosaprod.custometCreateDate.dd-MM-yyyy')`
- B. `format(date(_platosaprod.customerCreateDate),'dd-MM-yyyy')`
- C. `dformaUdateLP'atosaprod.customerCreateDateJ.'dd-MM-yyyy')`
- D. `date(_platosaprod.customerCreateDate.'dd-MM-yyyy')`

Answer: B

Explanation: The data engineer should use the date function to convert the string to a date object and then use the format function to format the date object to the desired format¹.

Question No : 3

A data engineer needs to bring in data via cloud storage sources into the Platform Which two data formats can the data engineer ingest? (Choose two.)

- A. TSV
- B. AVRO
- C. XMKL
- D. JSON
- E. CSV

Answer: B,D

Explanation: cloud storage sources can bring your own data into Platform without the need to download, format, or upload. Ingested data can be formatted as XDM JSON, XDM Parquet, or delimited.

<https://experienceleague.adobe.com/docs/experience-platform/sources/home.html?lang=en>

Question No : 4

A data engineer must set up a Streaming Connection with new authentication via the AEP

UI to stream non XDM data into an existing Dataset. How should the data engineer proceed?

- A. Sources > Streaming > HTTP API > New Account > Add Data > Select Data > Select Dataset > Finish
- B. Sources > Streaming > HTTP API > Add Data > New Account > Select Data > Map Fields to XDM > New Dataset > Finish
- C. Destination > Streaming > HTTP API > New Account > Select Data > Map Fields to XDM Select Dataset > Finish
- D. Sources > Streaming > HTTP API > Add Data > New Account > Select Data > Map Fields to XDM > Select Dataset > Finish

Answer: D

Explanation: <https://experienceleague.adobe.com/docs/experience-platform/sources/api-tutorials/create/streaming/http.html?lang=en>

Question No : 5

Your customer wants to take purchase activity from their website and stream the event into the Adobe Experience Platform They do NOT want to implement additional client-side calls on the website. Which two options are available to do this? (Choose two.)

- A. Web/Mobile SDK
- B. Source connectors
- C. HTTP API

Answer: B,C

Explanation: According to Adobe Experience Platform Technical Foundations guide, the two options available to stream the event into the Adobe Experience Platform without implementing additional client-side calls on the website are HTTP API and Source connectors¹².

<https://experienceleague.adobe.com/docs/experience-platform/sources/connectors/streaming/http.html?lang=en>

Question No : 6

Which is a type of governance label?

- A. Geographic Label
- B. Currency Label
- C. Contract Label
- D. Event Label

Answer: B

Explanation: The type of governance label is Currency Label¹. Data usage labels allow you to categorize datasets and fields according to governance policies and access control policies that apply to that data. Adobe Experience Platform provides several core data usage labels out-of-the-box that you can use to start categorizing your data¹.

Question No : 7

A data engineer is required to partially ingest data via a Source Connector. Which three source connectors are permitted for this task? (Choose three.)

- A. FTP/SFTP
- B. HTTP API
- C. Adobe Analytics
- D. Azure Blob Storage
- E. Microsoft Dynamics
- F. Web SDK

Answer: A,C,D

Explanation: <https://experienceleague.adobe.com/docs/experience-platform/data-prep/home.html>

Question No : 8

A data engineer wants to connect a new data source into AEP using an Amazon S3 Bucket. The S3 Bucket currently will be added with the daily deltas.

The historical data and the recurrent deltas must be imported.

In which way can this task be performed with minimal effort?

- A. Create a one-time dataflow for the historical data and one scheduled dataflow for the deltas
- B. Create one scheduled dataflow and enable partial ingestion

- C. Create one scheduled dataflow and enable the backfill
- D. Create one scheduled dataflow for the deltas and import the historical data through a data ingestion workflow

Answer: B

Explanation: This will allow you to import both historical data and recurrent deltas without creating multiple dataflows.

Question No : 9

A national workout studio chain deploys a new booking system and can now track when a customer puns to 90 into a training session. The studio chain wants to use that information to power their email campaigns. The event data that is collected when a customer books a session does not include information like the Sport category or the level of physical condition the customers should have. That information is stored in a different dataset. The studio chain is using AEP and will have access to the following databases;

BOOK A TRAINING SESSION EVENT DATABASE: Time stamp Session ID Member ID

TRAINING SESSION METADATA DATABASE:

Session ID

Sport category

Required physical condition

The data architects needs to configure the AEP XDM schemas to be able to build a relationship between the two databases so that the Sport category and the Required physical condition can be used in the AEP segment builder.

How should the data architect configure the AEP XDM to meet these requirements?

A. Create one schema (schema A) using the Experience Event Schema as the XDM class for the

Book a Training Session Event

Create out schema (schema B> using individual Profile as the XDM class for the Training Session Metadata

Use the Member ID as the primary identity of the schema A

Use the Session ID as a relationship field on schema A

Use the Session ID as the primary identity of the schema B

Enable schema A for profile

B. Create one schema (schema A) using the Experience Event Schema as the XDM class 'or the

Book a Training Session Event

Create one schema (schema B) using a custom XDM class for the Training Session Metadata

Use the Member ID as the primary identity of the schema A

Use the Session ID as a relationship field on schema A

Use the Session ID as the primary identity of the schema B

Enable both schemas for profile

Create one schema (schema A) using the Experience Event Schema as the XDM class for the

Book a Training Session Event

C. Create one schema (schema B) using a custom XDM class for the Training Session Metadata

Use the Member ID as the primary identity of the schema A

Use the Session ID as the secondary identity of the schema A

Use the Session ID as the primary identity of the schema B

Enable both schemas for profile

D. Create one schema using Experience Event as the XDM class

Create Field Groups to include all the attributes from both the Book a Training Session Event and the Training Session Metadata

Use the Member ID as the primary identity of that schema

Use the Session ID as a secondary identity of that schema

Configure one dataflow per database but use the same dataset to store the info

Answer: B

Question No : 10

A data engineer builds a segment based on Loyalty Status = Gold attribute and a purchase in the last 7 days. To validate that this segment is working, the engineer logs in to the test website and makes a purchase Gold Loyalty Status.

In AEP, how can the data engineer validate that the test customerID made it into the segment near real-time?

A. Run a Query in Query service using the segment criteria (Loyalty Status = Gold attribute and a purchase in the last 7 days) for the dataset in question.

B. In the Identity Graph Viewer, look up the customerID.

C. Go to Segments > choose the segment > search for the profile in the samples below.

D. Go to Profiles > Browse and input my customerID. Look at the segment membership tab.

Answer: D

Explanation: The data engineer can go to Profiles > Browse and input my customerID.

Look at the segment membership tab to validate that the test customerID made it into the

segment near real-time. References:

<https://experienceleague.adobe.com/docs/experience->

[platform/segmentation/segmentation-quickstart.html?lang=en#step-3-validate-the-segment](https://experienceleague.adobe.com/docs/experience-platform/segmentation/segmentation-quickstart.html?lang=en#step-3-validate-the-segment)

Question No : 11

A data engineer has a file they must ingest with all string fields. The engineer must keep precision of the data when converting string fields to numeric fields. Which two functions could the the data engineer use when making this conversion? (Choose two.)

- A. To.bigint
- B. To.object
- C. To .integer
- D. To.float
- E. To_decimal

Answer: D,E

Explanation: The two functions that a data engineer could use to convert string fields to numeric fields while keeping precision of the data in Adobe Experience Platform are To.float and To_decimal.

Question No : 12


A data architect responsible for maintaining existing schemas is notified that a previously defined mandatory field is no longer available due to some changes in the inbound data. The data architect confirms the existing schema has been saved and is currently being leveraged in data ingestion.

Which option does the data architect have?

- A. Remove the previously defined field
- B. Make the current mandatory field optional
- C. Rename the existing field
- D. Assign the field a new data type

Answer: B

Explanation: If a previously defined mandatory field is no longer available due to some changes in the inbound data, the data architect responsible for maintaining existing schemas has the following options:

-  Remove the previously defined field: This option is not appropriate because the field is mandatory and removing it would cause issues with data ingestion.

- ✍ Make the current mandatory field optional: This option is appropriate because the field is no longer available and making it optional would allow data ingestion to continue without issues.
- ✍ Rename the existing field: This option is not appropriate because renaming the field would cause issues with data ingestion.
- ✍ Assign the field a new data type: This option is not appropriate because the field is mandatory and changing its data type would cause issues with data ingestion.

Therefore, the data architect can make the current mandatory field optional.

Question No : 13

When sending data through the RESTful API, how can data engineers make sure the payload being sent is formatted properly in real time?

- A. Leveraging asynchronous validation, data engineers can review error messages for records that fail validation.
- B. Leveraging synchronous validation, data engineers can review error messages for records that fail validation.
- C. As long as the data matches the pre-defined SXM schema, records in the payload pass
- D. All data is ingested and query services reporting identify any records that do not pass custom validation rules.

Answer: B

Explanation: When sending data through the RESTful API, data engineers can make sure the payload being sent is formatted properly in real time by leveraging synchronous validation. Synchronous validation allows data engineers to review error messages for records that fail validation

Question No : 14

A data engineer does not have access to the AEP UI and must create a new Dataset and upload CSV data.

Which API requests will allow the data engineer to upload this data?

A)