



Adobe Experience Platform Data Pipeline

Lab Overview

Ingest Customer Accounts data into AEP in batch mode using Data Landing Zone. This Lab will leverage delimited data on Landing Zone and ML Recommendations to map most of the source data. This job will be scheduled to run every 7 days.

This lab will introduce you to customizing the ML recommendations in Data Prep and updating manual mappings.

Expected time: 30 minutes

Learning Objectives

What should you walk away with after taking this Lab?

- Adding pass through mappings
- Using preview to check any data quality issues
- Address basic data quality issues using Calculated Fields

Lab Tasks

In this exercise, we will load the Customer Account data from Data Landing Zone to AEP Data Lake and Profile.

Pre-requisites

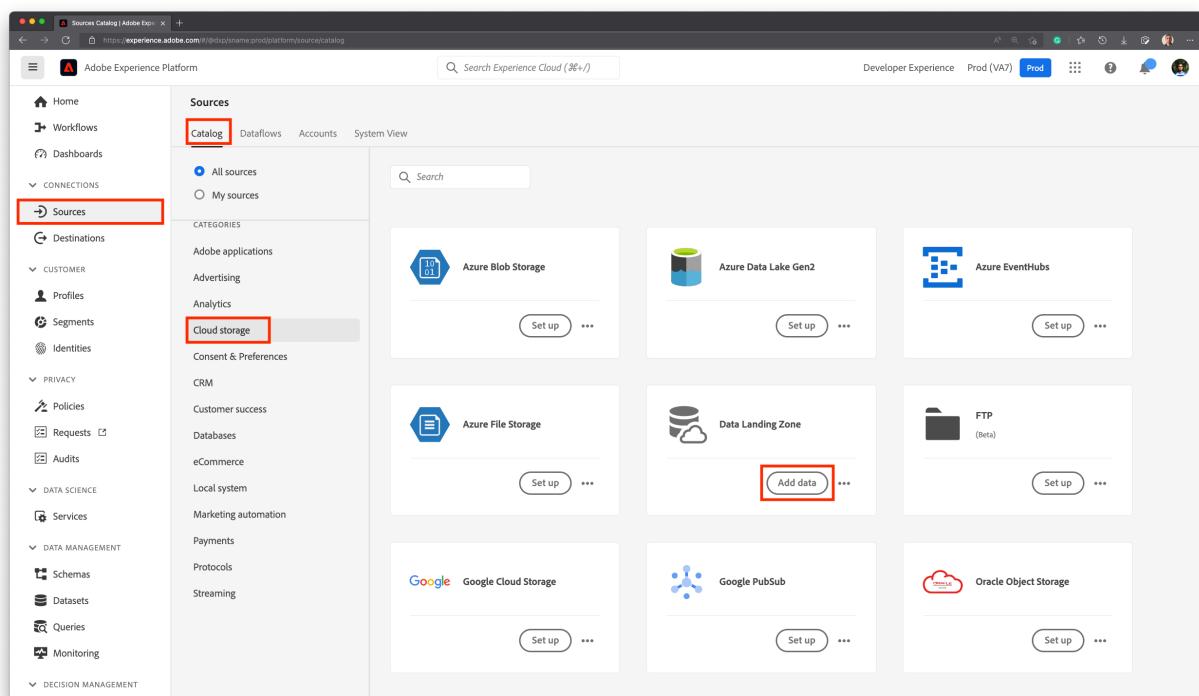
1. Customer Account JSON file uploaded in the Azure ADLS Directory
2. Customer Account Schema and Dataset are already created

Select Source data

Go to Adobe Experience Platform → Sources → Catalog → Cloud storage. Click on **Setup / Add Data** for the Data Landing Zone.

Tip

If at least one connection exists for that source, you will see “**Add data**” as the default action. If no connections exist for that source, you will see “**Setup**” as the default action.



In the **Select data** screen, choose **Lab_Customer.csv**, at the location **/dlz-user-container/project/PIPELINE**. On the right hand side, choose the **Delimiter** as the **Data format** and comma (,) as **Delimiter** and **compression type** as **None** (default)

	CREATEDATE	MODIFYDATE	FIRSTNAME	LASTNAME	BIRTH_DATE	EMAIL
0	1660096901	2022-08-09T22:01:41Z	Larina	Loveredge	1941-04-27	lloveredge0@wunderground.com
1	1660096901	2022-08-09T22:01:41Z	Sabina	Heindle	1970-07-29	sheindel1@about.me
2	1660096901	2022-08-09T22:01:41Z	Danika	Ruffey	1946-12-09	druffey2@usgs.gov
3	1660096901	2022-08-09T22:01:41Z	Mellicent	Fernyhough	1946-08-06	mfernighough3@4shared.com
4	1660096901	2022-08-09T22:01:41Z	Rosemonde	Cann	1940-12-11	rcann4@state.tx.us

In the preview here, notice the following attributes:

- **sms_optIn** has null values (shown in preview as -)
- **account_create_date** has string values along with date and time values.
- **account_end_date** has proper date format.

The screenshot shows the 'Add data' interface in Adobe Experience Platform. The left sidebar navigation includes Home, Workflows (selected), Dashboards, CONNECTIONS (Sources, Destinations), CUSTOMER (Profiles, Segments, Identities), PRIVACY (Policies, Requests, Audits), DATA SCIENCE (Services), and DATA MANAGEMENT (Schemas). The main area displays the 'Selected data:' section for 'Lab_Customer.csv'. A red box highlights the 'SMS_OPTIN' column header. The data table has columns: SMS_OPTIN, CUSTOMER_ID, SHIPPING_STREET_ADDRESS, SHIPPING_CITY, SHIPPING_STATE, and SHIPPING_ZIP_CODE. The rows show various values including null (represented by a dash) and 'y'.

SMS_OPTIN	CUSTOMER_ID	SHIPPING_STREET_ADDRESS	SHIPPING_CITY	SHIPPING_STATE	SHIPPING_ZIP_CODE
-	736072406	706 Sloan Lane	Fresno	CA	93794
y	495305838	985 Elmside Court	Austin	TX	78703
n	442237547	9 Longview Center	Kansas City	MO	64142
-	462757264	0 Lyons Crossing	Roanoke	VA	24009
y	764162251	82972 Karstens Junction	Worcester	MA	01605
y	983010429	6 Di Loreto Center	Concord	CA	94522
-	318629820	2081 Commercial Parkway	Houston	TX	77255
-	503815514	638 Helena Hill	Oakland	CA	94627

Screenshot of the Adobe Experience Platform "Add data" workflow interface.

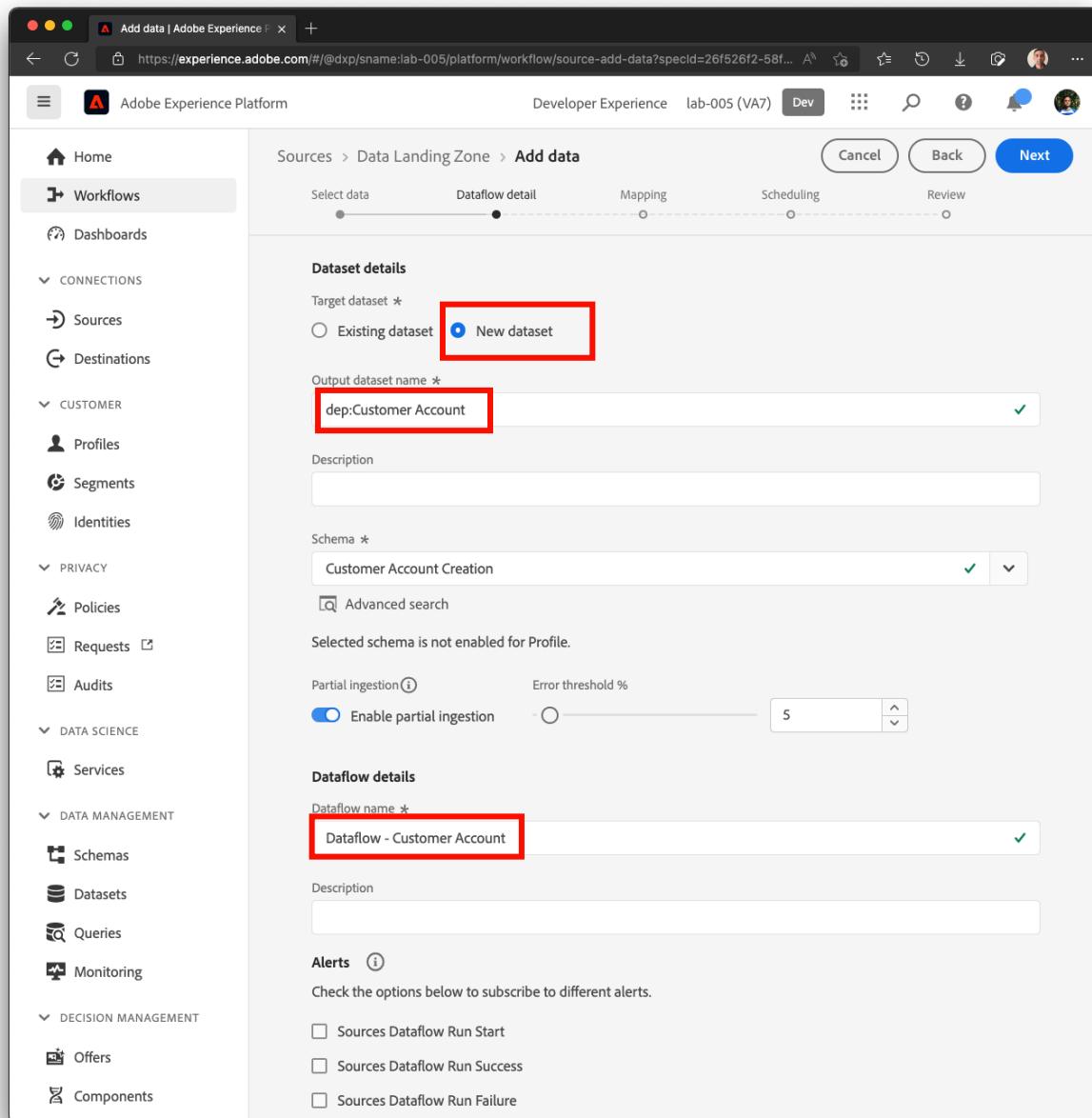
The left sidebar shows navigation categories: Home, Workflows (selected), Dashboards, CONNECTIONS, Sources, Destinations, CUSTOMER (Profiles, Segments, Identities), PRIVACY (Policies, Requests, Audits), DATA SCIENCE (Services), and DATA MANAGEMENT (Schemas).

The main content area shows the "Sources > Data Landing Zone > Add data" path. The "Select data" step is active. A table titled "Selected data:" lists "Lab_Customer.csv" under the "PIPELINE" section. The table has columns: BILLING_ZIP_CODE, PLAN_ID, PLAN_NAME, ACCOUNT_CREATE_DATE, ACCOUNT_END_DATE, and SOURCE. One row is highlighted with a red border:

	BILLING_ZIP_CODE	PLAN_ID	PLAN_NAME	ACCOUNT_CREATE_DATE	ACCOUNT_END_DATE	SOURCE
93794	m3	pro	Created on 2022-04-22T19:34:17Z	2022-04-03T05:13:06Z	web	
78703	m1	basic	Created on 2022-05-11T16:25:15Z	2022-03-30T05:58:31Z	web	
64142	m1	basic	Created on 2022-04-16T13:36:34Z	2022-05-15T03:34:11Z	web	
24009	m1	basic	Created on 2022-06-08T19:23:07Z	2022-05-09T07:51:30Z	inStore	
01605	m2	ultimate	Created on 2022-05-01T07:16:46Z	2022-02-23T03:06:40Z	web	
94522	m1	basic	Created on 2022-04-18T14:43:51Z	2022-02-02T11:32:51Z	inStore	
77255	m1	basic	Created on 2022-05-20T22:46:16Z	2022-05-15T12:09:52Z	web	
94627	m1	basic	Created on 2022-04-19T08:06:50Z	2022-01-14T16:19:08Z	web	

Define the Target Dataset

In the **Dataflow detail** screen, choose **New dataset**. Name the output dataset as **dep:Customer Account**. Select the schema name **Customer Account Creation**. Turn ON the **Enable partial ingestion**. Set the Dataflow name as **Dataflow - Customer Account**. Click **Next** to continue.



The screenshot shows the 'Add data' workflow configuration interface in Adobe Experience Platform. The left sidebar contains various navigation options like Home, Workflows (which is selected), Dashboards, CONNECTIONS, Sources, Destinations, CUSTOMER, PRIVACY, and several DATA SCIENCE and MANAGEMENT sections. The main panel is titled 'Sources > Data Landing Zone > Add data' and shows the 'Dataflow detail' step selected. Under 'Dataset details', the 'Output dataset name' field is set to 'dep:Customer Account'. In the 'Dataflow details' section, the 'Dataflow name' field is set to 'Dataflow - Customer Account'. Several alert checkboxes are present at the bottom. The 'Dataflow detail' tab is highlighted with a red box, and the 'Output dataset name' and 'Dataflow name' fields are also highlighted with red boxes.

Data Prep / Transformation

In the **Mapping** screen, Recommendation engine will map several attributes automatically. However, there will be some errors that need to be addressed before moving on to next step. The initial screen will look like this

Warning

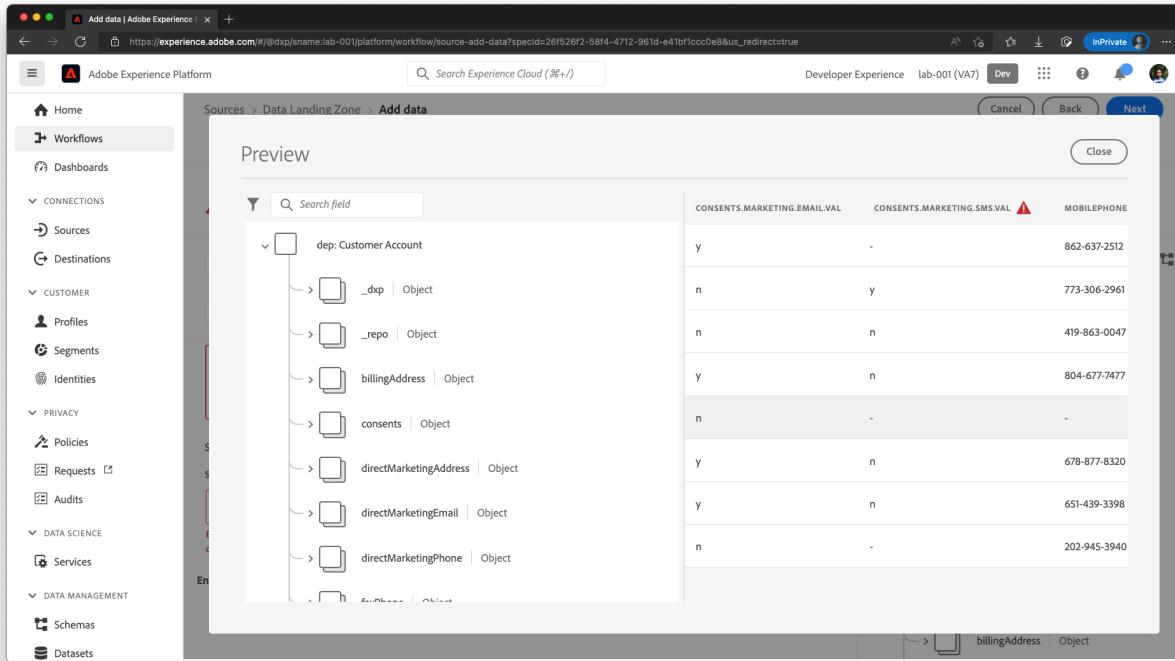
Due to the ML Recommendations, your screen may look different than the screenshot below.

The screenshot shows the 'Add data' workflow in the Adobe Experience Platform. The 'Mapping' step is currently active. A yellow warning box in the top left corner states: 'Warning Due to the ML Recommendations, your screen may look different than the screenshot below.' The main interface displays a progress bar for mapping fields, showing 23 of 23 mapped and 1 of 1 required fields. Below this, an 'Identity fields' section shows 1 of 2 mapped. A red error message box at the bottom left indicates 'Errors: 2' with the message: 'There was error(s) preparing mappings. There is a duplicate mapping for the target path person.name.lastName. The data at the XDM path will be overwritten. Please specify a distinct destination path.' The mapping table shows four source fields: 'createDate', 'modifyDate', 'firstName', and 'lastName'. These map to target fields: '_repo.createDate', '_repo.modifyDate', 'person.name.firstName', and 'person.name.lastName'. The 'lastName' mapping has a red border around it, indicating the error mentioned in the message box.

Preview the mapping output

SMS Opt In

Preview the mapping output by clicking  In Preview screen, navigate to the **consents.marketing.sms.val** attribute and you will see red exclamation showing the error. Notice that there are null values (shown as – in the preview)



CONSENTS.MARKETING.EMAIL.VAL	CONSENTS.MARKETING.SMS.VAL	MOBILEPHONE
y	-	862-637-2512
n	y	773-306-2961
n	n	419-863-0047
y	n	804-677-7477
n	-	-
y	n	678-877-8320
y	n	651-439-3398
n	-	202-945-3940

NOTE:

At runtime, Data Prep will “localize” all transformation errors to the column (unless the column is a required field). During design time, Data Prep is more stringent to catch any data issues. In the sample data provided, **sms_optIn** has NULL values as seen in the preview screen earlier. Hence the system is reports it as an error and requires Data Engineer to address that scenario before proceeding further.

Account Create Date

In Preview screen, navigate to the **_dpx.account.createDate**. It is showing as NULL even though the source has value. This is because the data contains string values such as “**Created on 2022-06-04T19:2409Z**” as the timestamp and hence we are unable to successfully convert the date properly.

The screenshot shows the Adobe Experience Platform Data Landing Zone interface. On the left, a sidebar navigation includes Home, Workflows (selected), Dashboards, CONNECTIONS, Sources, Destinations, CUSTOMER, PRIVACY, Policies, Requests, Audits, DATA SCIENCE, Services, DATA MANAGEMENT, Schemas, Datasets, Queries, and Monitoring. The main content area has a 'Sources > Data Landing Zone > Add data' breadcrumb and a 'Preview' tab. The preview section displays a hierarchical tree structure for a 'Customer Account' object, with fields like 'acqSource', 'createDate', 'endDate', 'plan', and 'customerId'. To the right of the tree is a table with columns: '_DXP.ACCOUNT.ENDDATE', '_DXP.ACCOUNT.ACQSOURCE', and '_DXP.ACCOUNT.CREATEDATE'. The table contains several rows of data.

_DXP.ACCOUNT.ENDDATE	_DXP.ACCOUNT.ACQSOURCE	_DXP.ACCOUNT.CREATEDATE
2022-02-26T02:25:34Z	inStore	-
2022-03-24T08:43:18Z	inStore	-
2022-03-26T08:14:29Z	inStore	-
2022-01-20T11:47:21Z	inStore	-
2022-03-12T14:39:52Z	web	-
2022-01-03T19:04:31Z	web	-
2022-06-10T07:34:28Z	inStore	-
2022-02-17T01:47:54Z	web	-

We will NOT fix this error as we will use to understand how Data Prep / Mapper errors are reported later.

TIP

Note that the input file is CSV and all attributes are Strings. Data Prep automatically recognized the date attributes such as account_end_date and converted them into date. Similarly, Zip Code is automatically converted into number.

Re-map the attributes

When you scroll down, you will notice **plan_name** mapped to **person.name.lastName** (or some other invalid attribute). Click on the target name and choose the **_dpx.plan.planName**.

The screenshot shows the 'Add data' workflow in Adobe Experience Platform. The current step is 'Mapping'. The source is 'Lab_Customer.csv' and the target schema is 'dep: Customer Account'. The mapping table lists several fields:

Source Data	Target Fields
shipping_zip_code	shippingAddress.postalCode
billing_street_address	billingAddress.street1
billing_city	billingAddress.city
billing_state	billingAddress.state
billing_zip_code	billingAddress.postalCode
plan_id	_dpx.plan.planID
plan_name	_dpx.plan.name (highlighted with a red box)
account_create_date	_dpx.account.createDate
account_end_date	_dpx.account.endDate
source	_dpx.account.acqSource

To the right of the mapping table is a detailed object tree diagram showing the structure of the 'Customer Account' object. The 'name' field is highlighted with a red box in the tree.

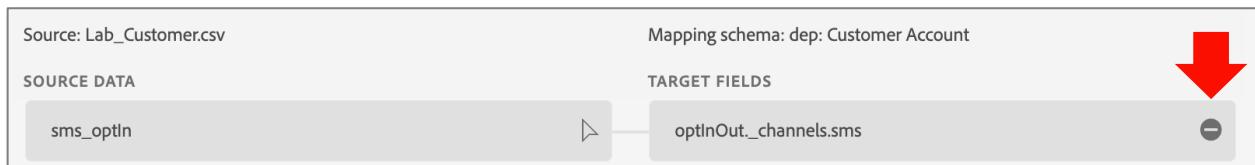
Similarly, Change the mappings as necessary to match the table below

Source Column	XDM Property
customer_id	_dxp.customerID
first_name	person.name.firstName
last_name	person.name.lastName
email	personalEmail.address
mobile_phone	mobilePhone.number
billing_street_address	billingAddress.street1
billing_city	billingAddress.city
billing_state	billingAddress.state
billing_zip_code	billingAddress.postalCode
shipping_street_address	shippingAddress.street1
shipping_city	shippingAddress.city
shipping_state	shippingAddress.state
shipping_zip_code	shippingAddress.postalCode
email_optIn	consents.marketing.email.val
account_create_date	_dxp.account.createDate
account_end_date	_dxp.account.endDate
plan_id	_dxp.plan.planID
plan_name	_dxp.plan.name
create_date	repo.createDate
last_modified	repo.modifyDate
source	_dxp.account.acqSource

Calculated Fields

SMS Opt In

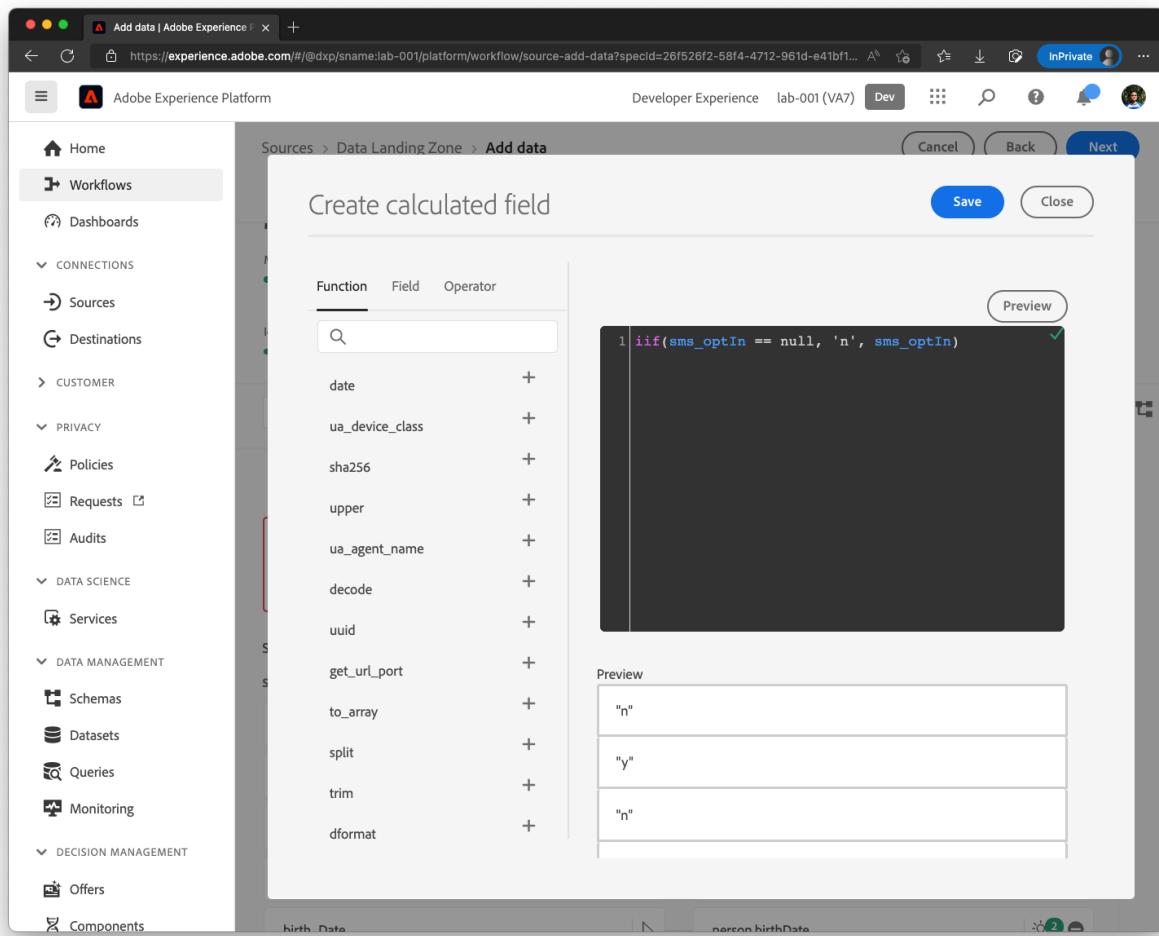
Scroll down to **sms_optIn**, and remove the mapping.



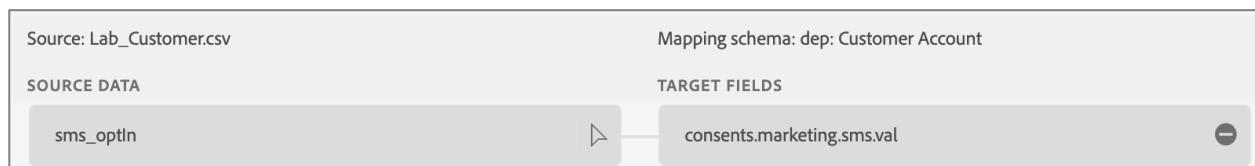
Now create a calculated field by clicking icon(sometimes shown as) → **Add Calculated Field**. In the Create Calculated field dialog box write the following expression and hit Preview.

```
iif(sms_optIn == null, 'n', sms_optIn)
```

You should see a green checkmark in the top right corner of the black box indicating the validity of the expression and the data Preview should only show "n" or "y" as values. Then click **Save**.



The mapping will now look like this



Birth Dates

Remove the mappings for **birth_date** source field by clicking (-) icon at the end of the row.

The screenshot shows the 'Add data' workflow in Adobe Experience Platform. The left sidebar includes 'Sources', 'Destinations', 'Customer', 'Privacy', 'Policies', 'Requests', and 'Audits'. The main area is titled 'Sources > Data Landing Zone > Add data' and is at the 'Mapping' step. It shows a mapping schema from 'Lab_Customer.csv' to 'Customer Account'. The 'SOURCE DATA' section lists 'lastName', 'birth_Date', 'email', and 'mobile_phone'. The 'TARGET FIELDS' section maps them to 'person.name.lastName', 'person.birthDate', 'personalEmail.address', and 'mobilePhone.number'. A red arrow points to the minus (-) icon next to the 'birth_Date' mapping.

Add a Calculated Field by clicking the (+) icon and **Add Calculated Field**. Type in the following expression into the calculated field

```
date_part("year", date(birth_Date))
```

The screenshot shows the 'Create calculated field' dialog box within the Adobe Experience Platform. The left sidebar lists various categories like Home, Workflows, Sources, Destinations, Customer, Privacy, Data Science, and Data Management. The main area has tabs for Function, Field, and Operator. A search bar is at the top of the function list. Below it are several functions: date, ua_device_class, sha256, upper, ua_agent_name, decode, uuid, get_url_port, to_array, and split. The 'date' function is selected. To the right, there's a preview window showing the expression 'date_part("year", date(birth_Date))' and a preview of the resulting values: 1972 and 1940. At the bottom, the source field is 'firstName' and the target field is 'person.name.firstName'. Buttons for Save, Close, Cancel, Back, and Next are at the top right.

Click Save to save this expression and map it to **person.birthYear**

This screenshot shows the 'Mapping schema' interface. It has two main sections: 'SOURCE DATA' and 'TARGET FIELDS'. In 'SOURCE DATA', the expression 'date_part("year", date(birth_Date))' is listed. In 'TARGET FIELDS', the target field is 'person.birthYear'. There is also a small note above stating 'Mapping schema: dep: Customer Account'. The source file is identified as 'Source: Lab_Customer.csv'.

Add another calculated field with the following expression and map it to **person.birthDayAndMonth**

```
concat(  
    date_part("month", date(birth_Date)),  
    "-",  
    date_part("dd", date(birth_Date))  
)
```

The screenshot shows the 'Create calculated field' dialog box within the Adobe Experience Platform. The left sidebar navigation includes 'Sources', 'Destinations', 'CUSTOMER' (Profiles, Segments, Identities), 'PRIVACY' (Policies, Requests, Audits), 'DATA SCIENCE' (Services), and 'DATA MANAGEMENT' (Schemas, Datasets). The main area displays the function definition:

```
concat(  
    date_part("month", date(birth_Date)),  
    "-",  
    date_part("dd", date(birth_Date))  
)
```

The 'Preview' section shows two rows of output: "12-4" and "4-19". The 'Function' tab is selected, showing available functions like date, ua_device_class, sha256, upper, ua_agent_name, decode, uuid, get_url_port, to_array, and split.

The mapping will now look as below.

The mapping schema interface shows the following configuration:

- Source:** Lab_Customer.csv
- Mapping schema:** dep: Customer Account
- SOURCE DATA:** concat(date_part("month", date(birth_Date)), "-", date_p...)
- TARGET FIELDS:** person.birthDayAndMonth

Final Mapping Set

The final mapping set looks like below

Source Column	XDM Property
source	_dxp.account.acqSource
account_create_date	_dxp.account.createDate
account_end_date	_dxp.account.endDate
customer_id	_dxp.customerID
plan_name	_dxp.plan.name
plan_id	_dxp.plan.planID
billing_city	billingAddress.city
billing_zip_code	billingAddress.postalCode
billing_state	billingAddress.state
billing_street_address	billingAddress.street1
email_optin	consents.marketing.email.val
mobile_phone	mobilePhone.number
first_name	person.name.firstName
last_name	person.name.lastName
email	personalEmail.address
create_date	repo.createDate
last_modified	repo.modifyDate
shipping_city	shippingAddress.city
shipping_zip_code	shippingAddress.postalCode
shipping_state	shippingAddress.state
shipping_street_address	shippingAddress.street1

Calculated fields

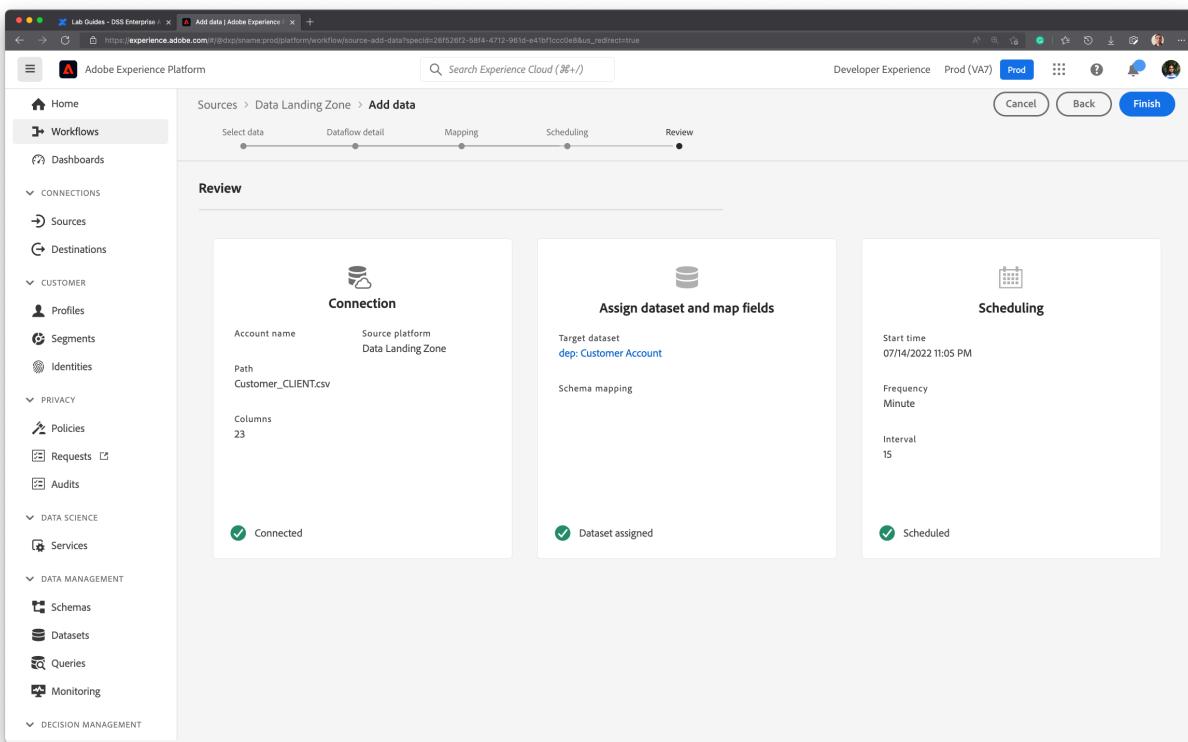
iif(sms_optIn == null, 'n', sms_optIn)	consents.marketing.sms.val
concat(date_part("month", date(birth_Date)), "-", date_part("dd", date(birth_Date)))	person.birthDayAndMonth
date_part("year", date(birth_Date))	person.birthYear

Schedule

In the **Scheduling** step, set the **Frequency** to **Day** and **Interval** to **7** and leave the **Backfill** turned on. This will schedule the Dataflow to run every 7 days

The screenshot shows the 'Add data' workflow configuration interface in Adobe Experience Platform. The left sidebar lists various categories like Home, Workflows, Dashboards, CONNECTIONS, SOURCES, DESTINATIONS, CUSTOMER, PRIVACY, POLICIES, and REQUESTS. The main panel is titled 'Sources > Data Landing Zone > Add data' and is currently on the 'Scheduling' tab. The 'Scheduling' section contains fields for 'Frequency *' (set to 'Day') and 'Interval' (set to '7'). Below these, there is a 'Start time *' field showing '08/03/2022 10:36 PM' with a calendar icon, and a note stating 'All dates and times are in UTC.' At the bottom of the scheduling section is a 'Backfill' toggle switch, which is turned on (blue). The top right of the main panel has buttons for 'Cancel', 'Back', and 'Next'.

Review the data flow and click **Finish**.



It takes few minutes to create the Dataflow. Once Dataflow is created, you will see the following screenshot. Notice that Last Dataflow Run Status indicates **No runs**. First run will kick off approximately in 15 minutes.

The screenshot shows the Adobe Experience Platform interface for managing dataflows. On the left, there's a sidebar with various navigation options like Home, Workflows, Dashboards, CONNECTIONS, CUSTOMER (Profiles, Segments, Identities), PRIVACY (Policies, Requests, Audits), DATA SCIENCE (Services), and DATA MANAGEMENT (Schemas, Datasets, Queries, Monitoring). The main area is titled 'Sources' and has tabs for Catalog, Dataflows, Accounts, and System View. Under 'Dataflows', there's a search bar with 'Source: Data Landing Zone'. Below it is a table with columns: DATAFLOW NAME, TARGET DATASET, LAST DATAFLOW RUN STATUS, LAST DATAFLOW RUN DATE, and SOURCE DATA. Two dataflows are listed:

DATAFLOW NAME	TARGET DATASET	LAST DATAFLOW RUN STATUS	LAST DATAFLOW RUN DATE	SOURCE DATA
Dataflow - Customer Account ***	dep: Customer Account	No runs	-	dlz-user-container/pro
Dataflow - Lookup - Store ***	dep: Lookup Store	Success	07/26/2022, 7:11 PM	dlz-user-container/pro

At the bottom, there's a blue info box with the following text:

i This temporary Data Landing Zone is provided to you for the sole purpose of the ingress and egress of data in and out of Adobe Experience Platform. All data in this Data Landing Zone has a Time-To-Live of 7 days, which means any file ingested will be deleted after 7 days. For more information about Data Landing Zone, please see the [documentation](#).

Check scheduled execution

After 15 minutes, the following will appear. Notice the **Last Dataflow Run Status** and **Last Dataflow Run Date**.

The screenshot shows the Adobe Experience Platform interface for managing dataflows. The left sidebar contains navigation links for Home, Workflows, Dashboards, CONNECTIONS, CUSTOMER (Profiles, Segments, Identities), PRIVACY (Policies), Requests, Audits, DATA SCIENCE (Services), and DATA MANAGEMENT (Schemas, Datasets, Queries, Monitoring). The main content area is titled 'Sources' and displays a table of dataflows. The table has columns: DATAFLOW NAME, TARGET DATASET, LAST DATAFLOW RUN STATUS, LAST DATAFLOW RUN DATE, and SOURCE DATA. Two dataflows are listed:

DATAFLOW NAME	TARGET DATASET	LAST DATAFLOW RUN STATUS	LAST DATAFLOW RUN DATE	SOURCE DATA
Dataflow - Customer Account	dep: Customer Account	Success	07/26/2022, 7:23 PM	dlz-user-container/proj
Dataflow - Lookup - Store	dep: Lookup Store	Success	07/26/2022, 7:11 PM	dlz-user-container/proj

Below the table are navigation buttons for 'Next' and 'Previous'.

Click on the Dataflow name to get a list of Dataflow Runs. 10 Records should be ingested.

The screenshot shows the Adobe Experience Platform Dataflow interface. On the left, a sidebar navigation includes Home, Workflows, Dashboards, CONNECTIONS (Customer, Privacy, Requests, Audits), DATA SCIENCE (Services), and DATA MANAGEMENT (Schemas, Datasets, Queries, Monitoring). The main area displays 'Dataflow activity' for 'Dataflow - Customer Account'. It shows summary statistics: Records ingested (10) and Records failed (0). Below this is a table of dataflow runs:

DATAFLOW RUN START	PROCESSING TIME	RECORDS INGESTED	RECORDS FAILED	STATUS
07/26/2022, 7:23 PM	2 minutes	10	0	Success

The 'DATAFLOW RUN START' column for the first run is highlighted with a red box. To the right, the 'Properties' panel shows the Dataflow name as 'Dataflow - Customer Account', a description field, source data (dlz-user-container/project/CSV/Customer_CLIENT.csv), target dataset (dep: Customer Account), and a status section indicating the run was successful.

Click on the Dataflow Run Start time to see error diagnostic details.

Sources > Dataflow - Customer Account > Dataflow Run ec9da4eb-ce52-45cb-b645-29e7ccbdedb2

Records ingested: 10 | Records failed: 0

Total files: 1 | Size of data: 2.76 kB

Status: Success | Dataflow run start: 07/26/2022, 7:23 PM | Dataflow run end: 07/26/2022, 7:25 PM

Partial ingestion: Enabled: 5% Error threshold | Error diagnostics: Enabled | Error summary: -

Dataflow run IMS org ID: 37E0399C61687C4E0A495E06@AdobeOrg
ec9da4eb-ce52-45cb-b645-29e7ccbdedb2

Dataset: dep: Customer Account

Dataflow run errors | Files | Download

Records failed | Records skipped

ERROR CODE	DESCRIPTION

DATA SCIENCE

- Services

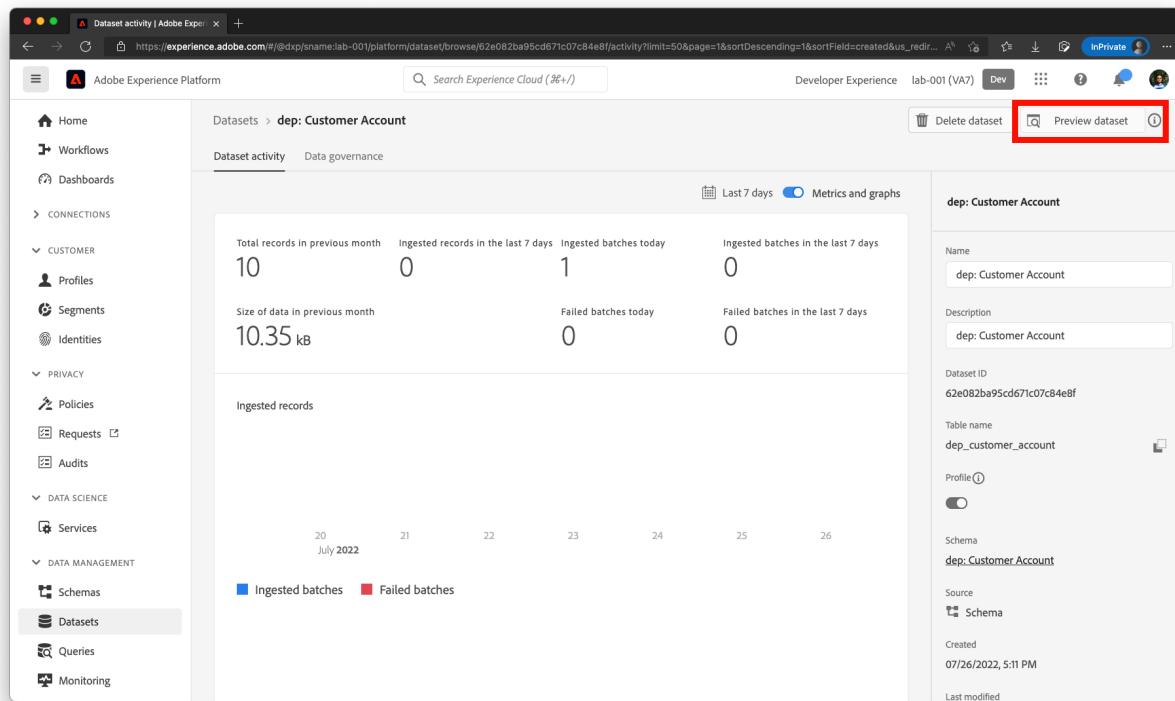
DATA MANAGEMENT

- Schemas
- Datasets
- Queries
- Monitoring

Home | Workflows | Dashboards | CONNECTIONS | CUSTOMER | Profiles | Segments | Identities | PRIVACY | Policies | Requests | Audits | DATA SCIENCE | Services | DATA MANAGEMENT | Schemas | Datasets | Queries | Monitoring

Verify the data

In the Left Nav bar, Go to Datasets in Platform and click on **dep: Customer Account**



The screenshot shows the Adobe Experience Platform interface. The left sidebar is collapsed. The main header says "Dataset activity | Adobe Experience Platform" and the URL is "https://experience.adobe.com/#/adxp/sname:lab-001/platform/dataset/browse/62e082ba95cd67lc07c84e8f/activity?limit=50&page=1&sortDescending=true&sortField=created&use_redirect=false". The search bar says "Search Experience Cloud (36+)" and the developer status is "Developer Experience lab-001 (VA7) Dev".

The left navigation bar has sections: Home, Workflows, Dashboards, CONNECTIONS, CUSTOMER (Profiles, Segments, Identities), PRIVACY (Policies, Requests, Audits), DATA SCIENCE (Services), and DATA MANAGEMENT (Schemas, Datasets, Queries, Monitoring). The "Datasets" icon is selected.

The main content area shows the "dep: Customer Account" dataset details. It includes metrics for the previous month and the last 7 days:

- Total records in previous month: 10
- Ingested records in the last 7 days: 0
- Ingested batches today: 1
- Ingested batches in the last 7 days: 0
- Size of data in previous month: 10.35 kB
- Failed batches today: 0
- Failed batches in the last 7 days: 0

A chart titled "Ingested records" shows data for July 2022, with a legend indicating blue for "Ingested batches" and red for "Failed batches". The chart shows 1 ingest on July 21st.

On the right, the dataset details are listed:

- Name: dep: Customer Account
- Description: dep: Customer Account
- Dataset ID: 62e082ba95cd67lc07c84e8f
- Table name: dep_customer_account
- Profile: (1)
- Schema: dep_Customer_Account
- Source: Schema
- Created: 07/26/2022, 5:11 PM
- Last modified: (no date shown)

Click on the Preview Dataset. Notice there are no NULLs in the `consents.marketing.sms.val`.

The screenshot shows the Adobe Experience Platform interface with the URL https://experience.adobe.com/#/adxp/sname:lab-001/platform/dataset/browse/62e082ba95cd671c07c84e8/activity?limit=50&page=1&sortDescending=1&sortField=created&us_redirect=1. The left sidebar shows various datasets under the 'Datasets' section. The main panel displays the 'dep: Customer Account' dataset. On the right, a preview table is shown with columns: RESS.CITY, CONSENTS.MARKETING.EMAIL.VAL, CONSENTS.MARKETING.SMS.VAL, and _DX. The table contains several rows of data. A red box highlights the CONSENTS.MARKETING.SMS.VAL column, showing that all values are either 'y' or 'n', indicating no NULLs. The table also includes a 'Last modified' timestamp at the bottom.

RESS.CITY	CONSENTS.MARKETING.EMAIL.VAL	CONSENTS.MARKETING.SMS.VAL	_DX
y	n	y	202
n	y	n	202
n	n	n	202
y	n	n	202
n	n	n	202
y	n	n	202
n	n	n	202
y	y	y	202