









Instance creation – 1st step


 My Proj 5410 





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 1  


 Data Fusion

 Instances

 Permissions

Instances  CREATE INSTANCE  REFRESH  DELETE  UPGRADE

Select which instance of Cloud Data Fusion you want to view.

<input type="checkbox"/>	<input checked="" type="radio"/>	Instance Name	Action	Edition	Region	Zone	Version	Encryption	Created	Last Update
<input type="checkbox"/>	<input checked="" type="radio"/>	test1	View Instance 	Basic	us-west1	--	6.8.3 (latest version)	Google-managed	May 31, 2023, 2:10:39 PM	May 31, 2023, 2:22:13 PM

Bucket creation – 2nd step

Cloud Storage


Buckets

Monitoring **NEW**

Settings

← Create a bucket

• Name your bucket

Pick a globally unique, permanent name. [Naming guidelines](#) 

Tip: Don't include any sensitive information

✓ LABELS (OPTIONAL)

CONTINUE


• Choose where to store your data

Location: us (multiple regions in United States)

Location type: Multi-region

• Choose a storage class for your data

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Bucket file upload –3rd step

Cloud Storage

Buckets

Monitoring NEW

Settings

← Bucket details

REFRESH HELP ASSISTANT

sample5410

Location

us (multiple regions in United States)

Storage class

Standard

Public access

Not public

Protection

None

OBJECTS

CONFIGURATION

PERMISSIONS

PROTECTION

LIFECYCLE

OBSERVABILITY NEW

INVENTORY REPORTS NEW

Buckets > sample5410

UPLOAD FILES

UPLOAD FOLDER

CREATE FOLDER

TRANSFER DATA

MANAGE HOLDS

DOWNLOAD

DELETE

Filter by name prefix only

Filter

Filter objects and folders


Show

<input type="checkbox"/>	Name	Size	Type	Created	Storage class	Last modified	Public access
<input type="checkbox"/>	<div><div></div><div>sampledatafoodsales.csv</div></div>	13.8 KB	text/csv	May 31, 2023, 2:24:41 PM	Standard	May 31, 2023, 2:24:41 PM	Not public

This content is protected and may not be shared, uploaded, or distributed

Data Fusion - view instance –4th step


Cloud Data FusionOPERATIONSHUBS



Wrangle

Explore, transform, cleanse, and enrich data using a code-free environment.


[Wrangler](#)



Integrate

Ingest and integrate data from on-prem, SaaS, or cloud sources using pipelines.


[Studio](#) [List](#)



Discover and govern

Discover data using metadata. Perform root cause and impact analysis using lineage.


[Metadata](#)



Monitor

Centrally monitor applications for better operations.

[Dashboard](#)



Manage

Manage system and namespace level settings and preferences.

[System](#) [Namespace](#)

Data Fusion – Wrangle for ETL–5th step

The screenshot displays the Cloud Data Fusion web interface. On the left, a sidebar lists various connections under the heading "Connections in 'default'", including Upload, BigQuery(2), CloudSQL MySQL(0), CloudSQL PostgreSQL(0), Database(0), GCS(2), Cloud Storage Default, Sample Buckets, Kafka Connector(0), Mysql(0), Oracle(0), and PostgreSQL(0). The main area is titled "Select Data" and shows a file named "sampledatafoodsales.cs" under the path "Root / sample5410". A modal dialog box titled "Parsing Options" is open in the foreground, containing the following settings:

- Format ***: A dropdown menu set to "csv".
- Enable Quoted Values**: A toggle switch set to "False".
- Use First Row as Header**: A toggle switch set to "True".
- File encoding**: A dropdown menu set to "UTF-8".

At the bottom of the dialog, there is a link for "IMPORT SCHEMA" and two buttons: "CANCEL" and "CONFIRM".

Data Fusion – Select Transformation options–6th step

sampledatafoodsales.csv Columns: 8 | Rows: 244

String String String String String Int Double Double

OrderDate Region City Category Product Quantity UnitPrice TotalPrice

2020-01-01	East	Boston	Bars			1.77	58.41
2020-01-04	East	Boston	Crackers			3.49	303.63
2020-01-07	West	Los Angeles	Cookies				108.46
2020-01-10	East	New York	Cookies				153.34
2020-01-13	East	Boston	Cookies				82.84
2020-01-16	East	Boston	Bars				95.58
2020-01-19	East	Boston	Crackers				520.01
2020-01-22	West	Los Angeles	Bars				90.27
2020-01-25	East	New York	Bars		0	1.77	177.0
2020-01-28	East	New York	Snacks			1.25	27.8

Parse

Set character encoding

Change data type

Format

Calculate

Custom transform

Filter

Send to error

Find and replace

Fill null or empty cells

Copy column

Delete column

Keep column

String

Boolean

Integer

Long

Short

Float

Double

Decimal

Bytes

Columns (8)

Transformation steps (0)

Search

Column names

#	Name	Completion
1	OrderDate	100%
2	Region	100%
3	City	100%
4	Category	100%
5	Product	100%
6	Quantity	100%
7	UnitPrice	100%
8	TotalPrice	100%