

# Azure Data Factory Copy data – Ingestar datos desde una API hacia ADLS

API público para consumir datos JSON de muestra sin ningún tipo de autenticación

<http://dummy.restapiexample.com/api/v1/employees>

```
← → ↺ ⚠ Not secure | dummy.restapiexample.com/api/v1/employees

{"status":"success","data":[{"id":1,"employee_name":"Tiger Nixon","employee_salary":320800,"employee_age":61,"profile_image":""}, {"id":2,"employee_name":"Garrett Winters","employee_salary":170750,"employee_age":63,"profile_image":""}, {"id":3,"employee_name":"Ashton Cox","employee_salary":86000,"employee_age":66,"profile_image":""}, {"id":4,"employee_name":"Cedric Kelly","employee_salary":433060,"employee_age":22,"profile_image":""}, {"id":5,"employee_name":"Airi Satou","employee_salary":162700,"employee_age":33,"profile_image":""}, {"id":6,"employee_name":"Brielle Williamson","employee_salary":372000,"employee_age":61,"profile_image":""}, {"id":7,"employee_name":"Herrod Chandler","employee_salary":137500,"employee_age":59,"profile_image":""}, {"id":8,"employee_name":"Rhona Davidson","employee_salary":327900,"employee_age":55,"profile_image":""}, {"id":9,"employee_name":"Colleen Hurst","employee_salary":205500,"employee_age":39,"profile_image":""}, {"id":10,"employee_name":"Sonya Frost","employee_salary":103600,"employee_age":23,"profile_image":""}, {"id":11,"employee_name":"Jena Gaines","employee_salary":90560,"employee_age":30,"profile_image":""}, {"id":12,"employee_name":"Quinn Flynn","employee_salary":342000,"employee_age":22,"profile_image":""}, {"id":13,"employee_name":"Chazle Marshall","employee_salary":470600,"employee_age":36,"profile_image":""}, {"id":14,"employee_name":"Halcy Kennedy","employee_salary":119500,"employee_age":43,"profile_image":""}, {"id":15,"employee_name":"Tatyana Fitzpatrick","employee_salary":385750,"employee_age":19,"profile_image":""}, {"id":16,"employee_name":"Michael Silva","employee_salary":198500,"employee_age":66,"profile_image":""}, {"id":17,"employee_name":"Paul Byrd","employee_salary":725000,"employee_age":64,"profile_image":""}, {"id":18,"employee_name":"Gloria Little","employee_salary":237500,"employee_age":59,"profile_image":""}, {"id":19,"employee_name":"Bradley Greer","employee_salary":132000,"employee_age":41,"profile_image":""}, {"id":20,"employee_name":"Dal Riss","employee_salary":217500,"employee_age":35,"profile_image":""}, {"id":21,"employee_name":"Jesette Caldwell","employee_salary":1345000,"employee_age":30,"profile_image":""}, {"id":22,"employee_name":"Yuri Berry","employee_salary":675000,"employee_age":40,"profile_image":""}, {"id":23,"employee_name":"Caesar Vance","employee_salary":106450,"employee_age":21,"profile_image":""}, {"id":24,"employee_name":"Doris Wilder","employee_salary":85600,"employee_age":21,"profile_image":""}], "message":"Successfully! All records has been fetched."}
```

```
https://dummy.restapiexample.com/api/v1/employees

1 {
2   "status": "success",
3   "data": [
4     {
5       "id": 1,
6       "employee_name": "Tiger Nixon",
7       "employee_salary": 320800,
8       "employee_age": 61,
9       "profile_image": ""
10    },
11  ],
12  {
13    "id": 2,
14    "employee_name": "Garrett Winters",
15    "employee_salary": 170750,
16    "employee_age": 63,
17    "profile_image": ""
18  },
19  {
20    "id": 3,
21    "employee_name": "Ashton Cox",
22    "employee_salary": 86000,
23    "employee_age": 66,
24    "profile_image": ""
25  },
26  {
27    "id": 4,
28    "employee_name": "Cedric Kelly",
29    "employee_salary": 433060,
30    "employee_age": 22,
31    "profile_image": ""
32  },
33  {
34    "id": 5,
35    "employee_name": "Airi Satou",
36    "employee_salary": 162700,
37    "employee_age": 33,
38    "profile_image": ""
39  },
40  {
41    "id": 6,
42    "employee_name": "Brielle Williamson",
43    "employee_salary": 372000,
```

Vamos a crear un LS de origen que haga referencia hacia un **REST API**

Microsoft Azure | adf-demo-3906

Data Factory | Validate all | Publish all

Connections

- Linked services
- Integration runtimes
- Azure Purview
- Source control
- Git configuration
- ARM template
- Author
- Triggers
- Global parameters

### Linked services

Linked service defines the connection information to a data store or compute. [Learn more](#)

+ New

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ls_ablob_adfdemos12	Azure Blob Storage	4
ls_adls_adfdemod12	Azure Data Lake Storage Gen2	3
ls_sql_adf_demo_db	Azure SQL Database	1

### New linked service

Data store Compute

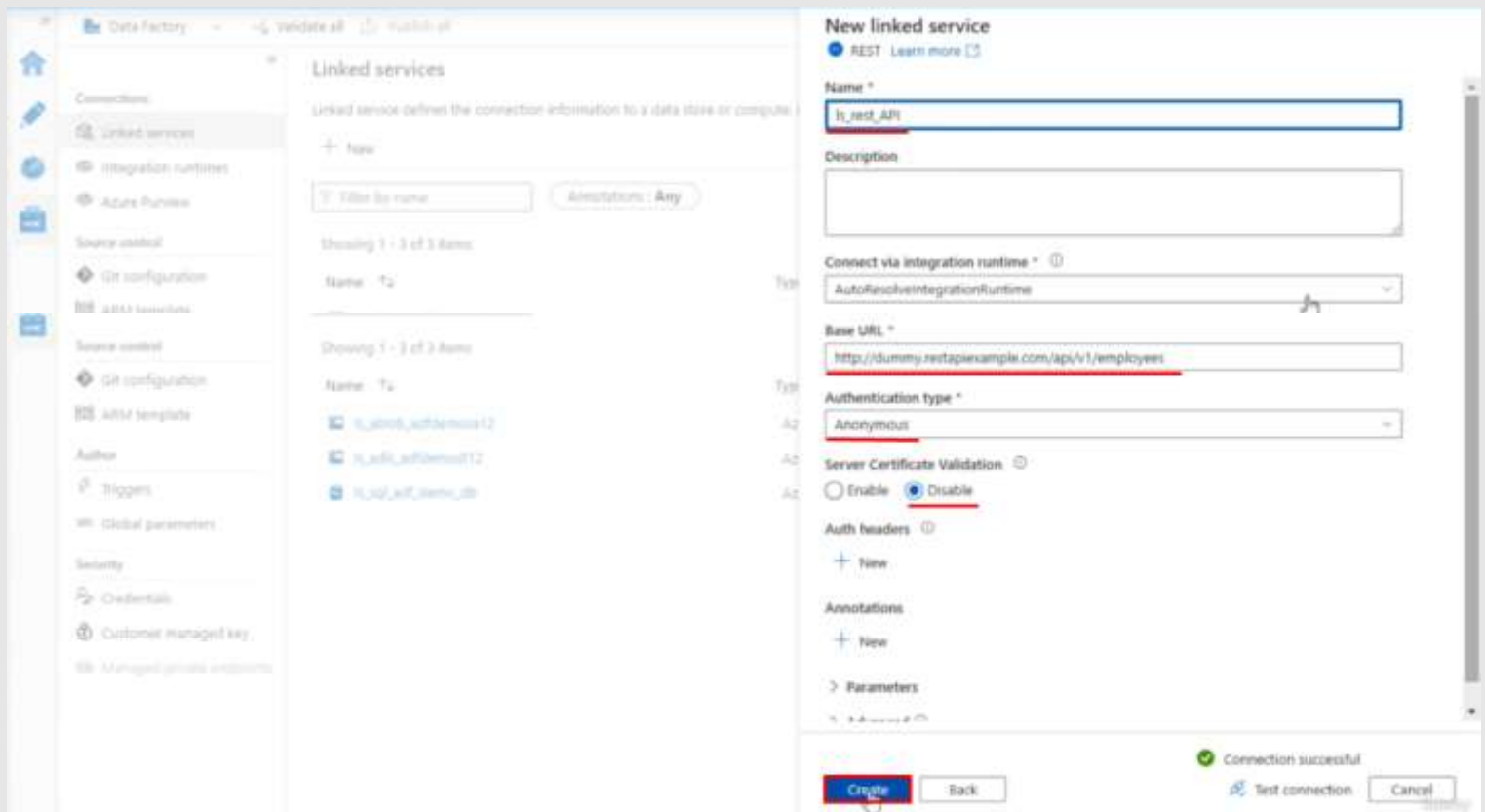
rest

All Azure Database File Generic protocol NoSQL Services and apps

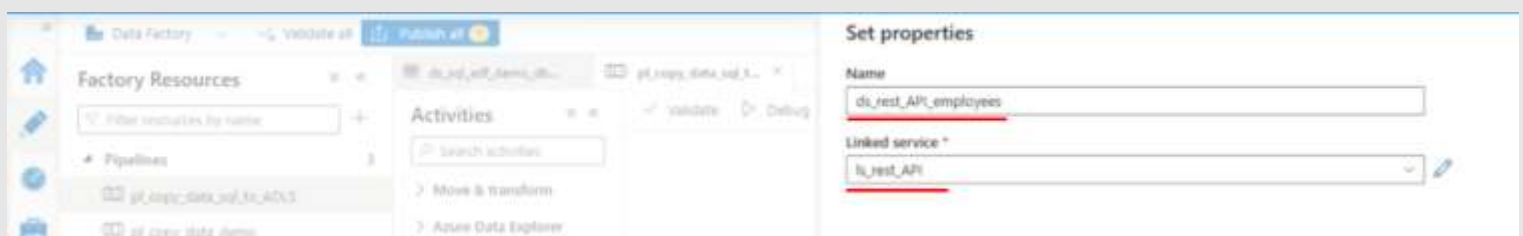
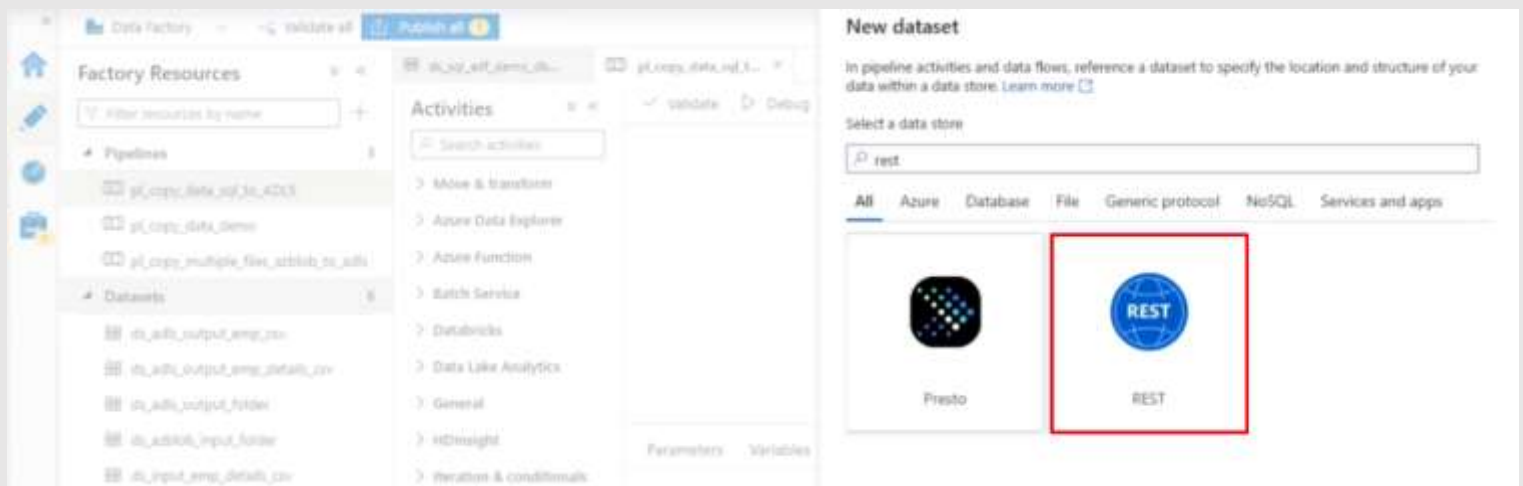
Presto

REST

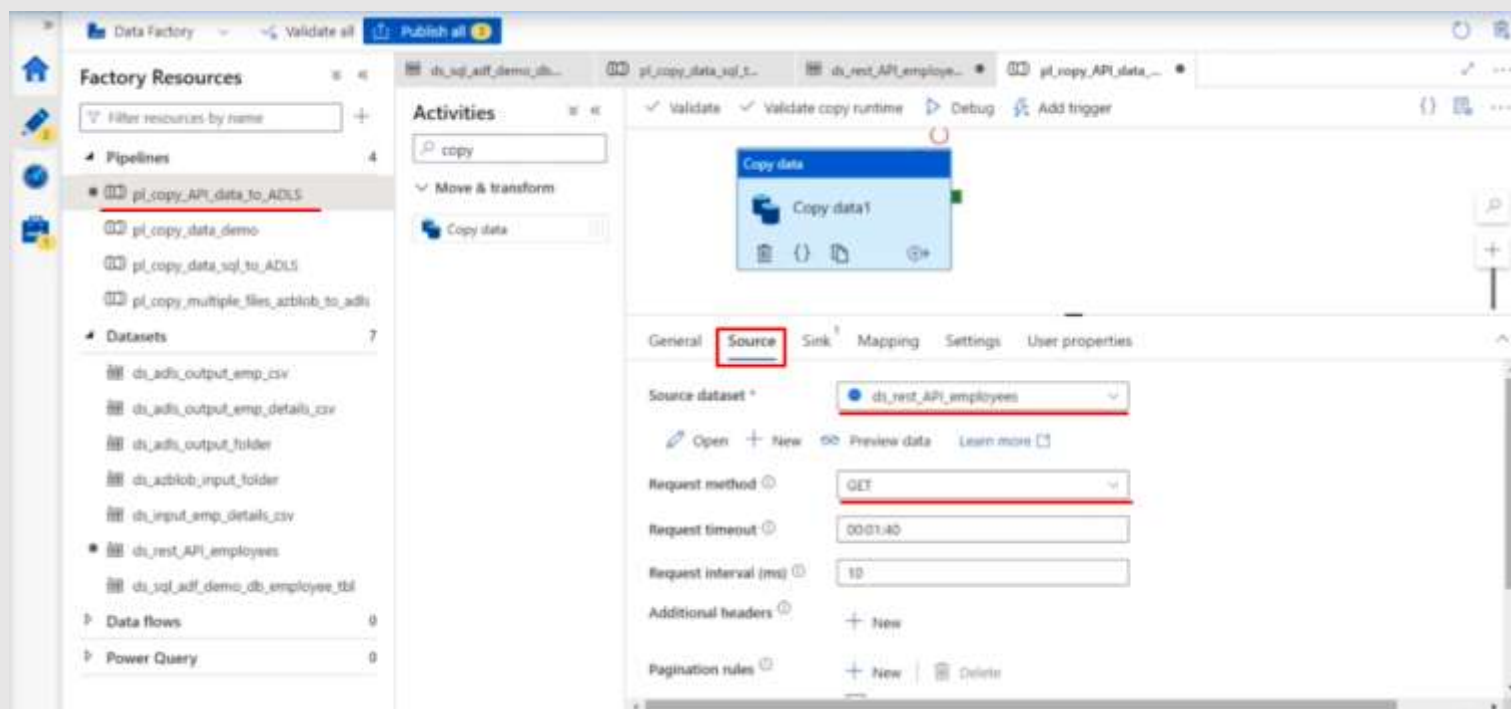
Continue Cancel



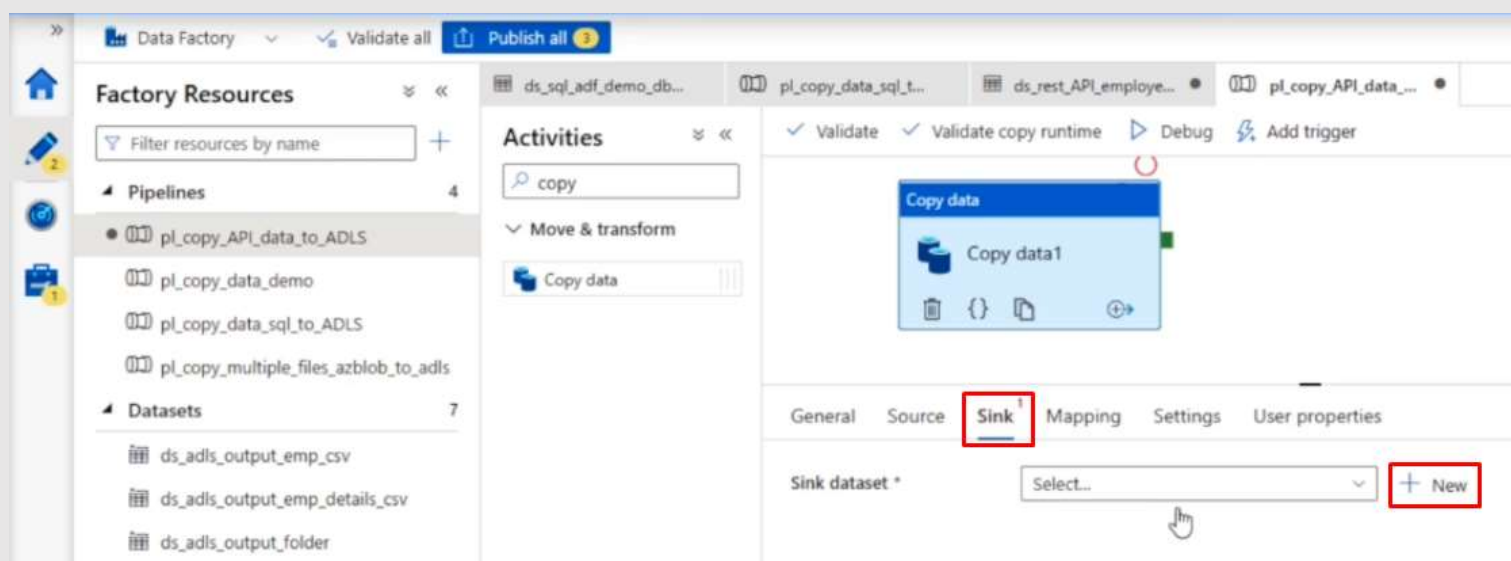
Vamos a crear un dataset de origen que haga referencia a un REST API

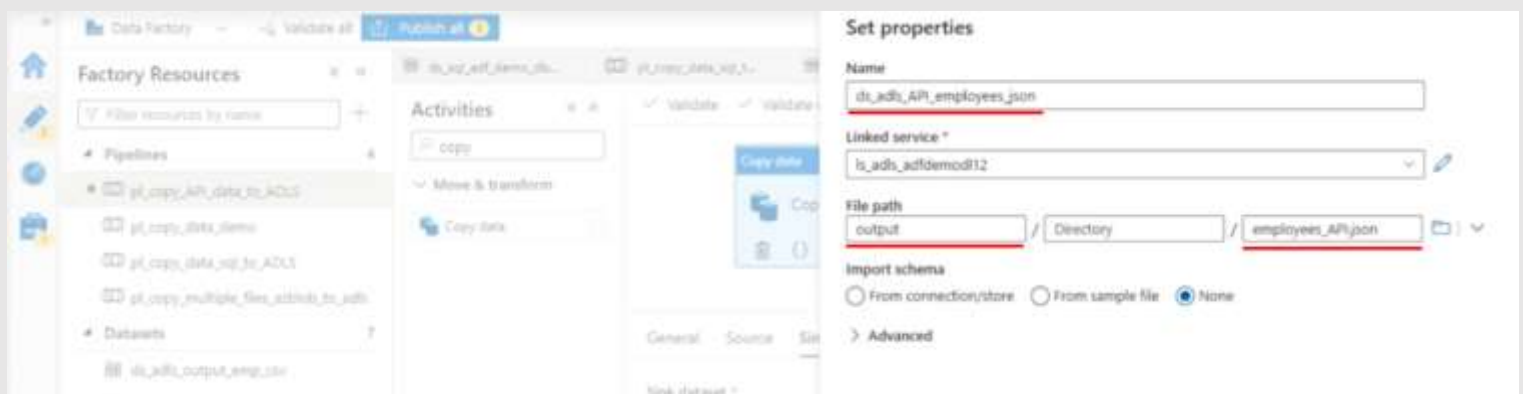
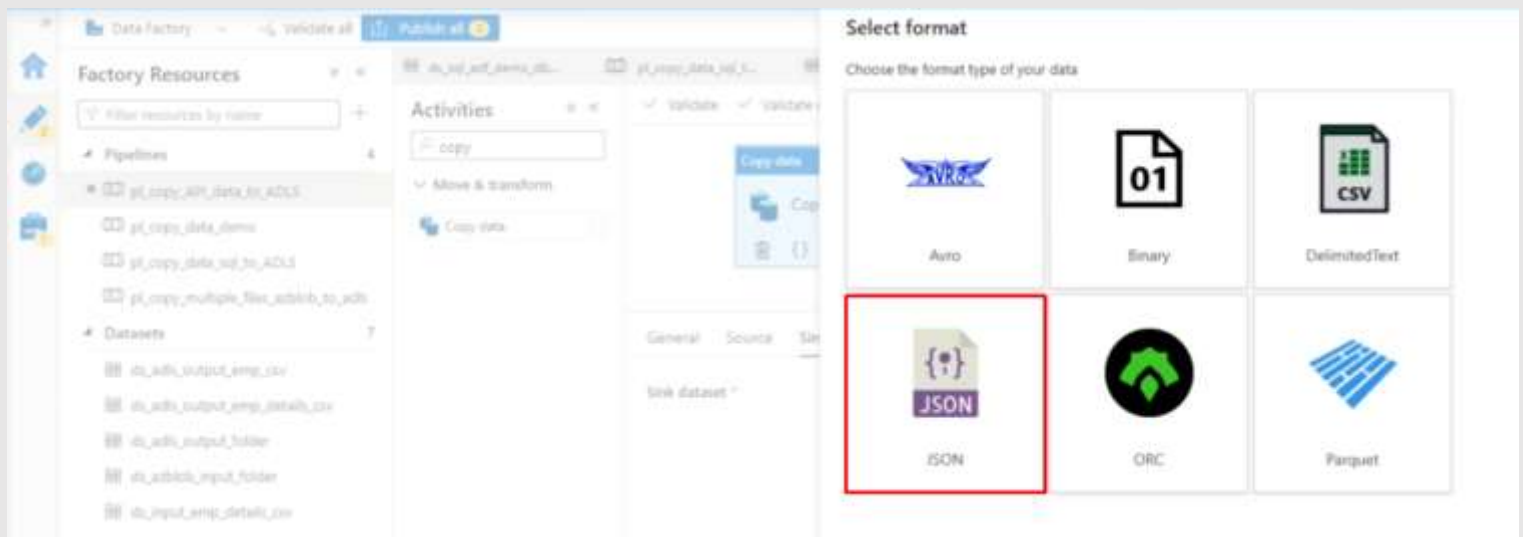
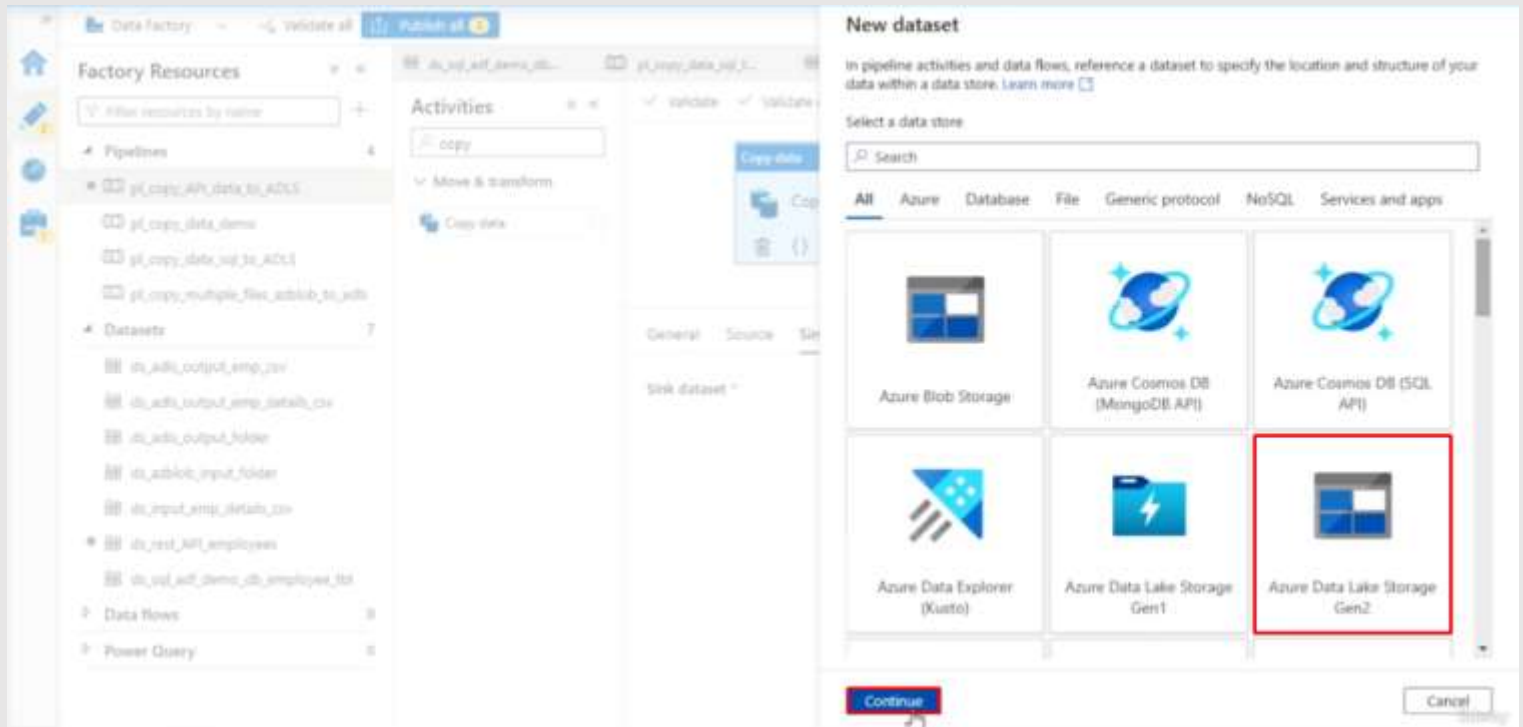


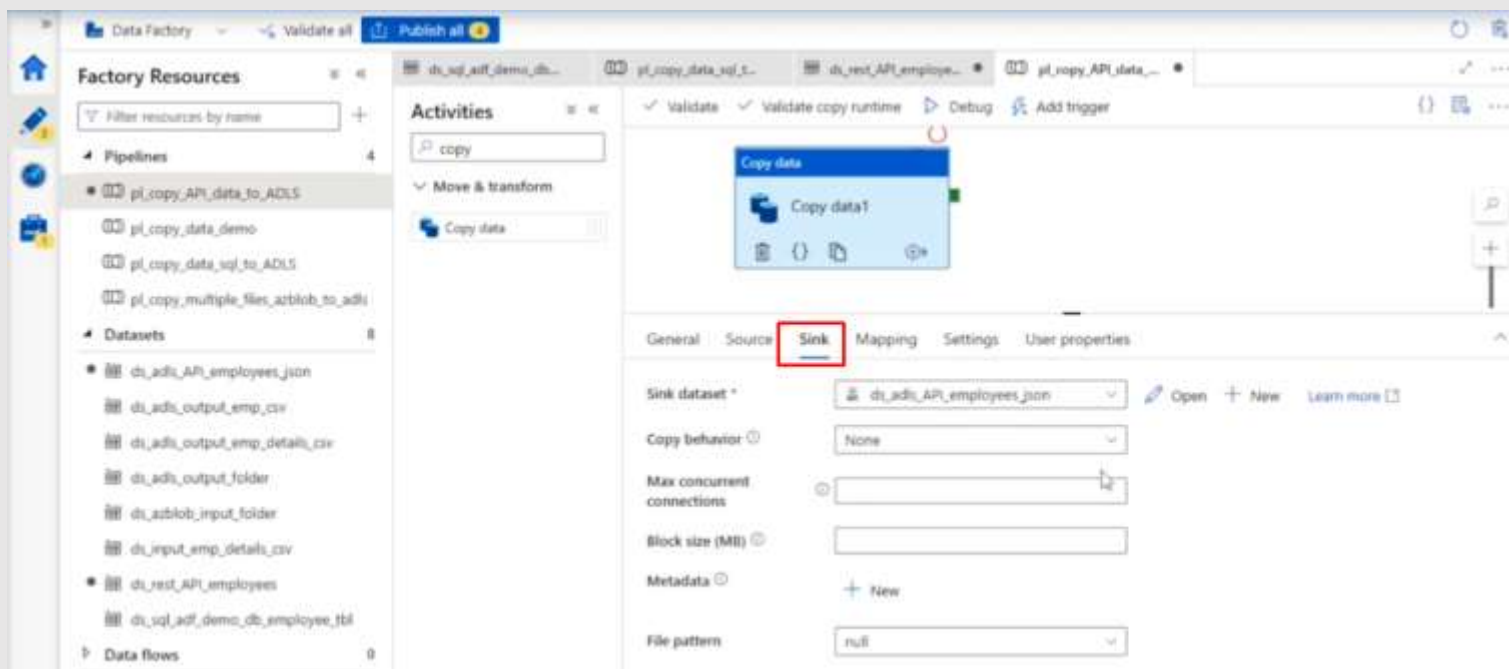
Creamos un pipeline con las siguientes configuraciones



Debemos crear un dataset de destino que haga referencia hacia ADLS, específicamente hacia la ruta **output/employees\_API.json**, donde **output** corresponde al container. Este archivo **employees\_API.json** no existe, se creará automáticamente.







Después de ejecutar el pipeline, podemos verificar si se creó correctamente el archivo

