

INVENTORY AND ORDER TRACKING DASHBOARD

PHASE-08: Data Management & Deployment

1. Data Import Wizard

- Purpose: Quickly import small amounts of data (like products or orders) via a wizard.
- Steps:
 - Go to Setup → Data Import Wizard.
 - Select the object you want to import (Product_c or Order_c).
 - Upload a CSV file with your data.
 - Map CSV columns to Salesforce fields.
 - Start the import.
 - Check the import results (success/error counts)

The screenshot displays the Salesforce Bulk Data Load Jobs interface. The left sidebar shows the navigation menu with 'Setup' selected. The main content area is titled 'Bulk Data Load Jobs' and shows a table of import jobs. The job '750gl00000E6saQ' is highlighted, showing it was submitted by 'T.N.KUISHAL' and is in a 'Closed' status. The table below the job details shows the progress of the import, including the number of records processed (4) and the total processing time (103 ms).

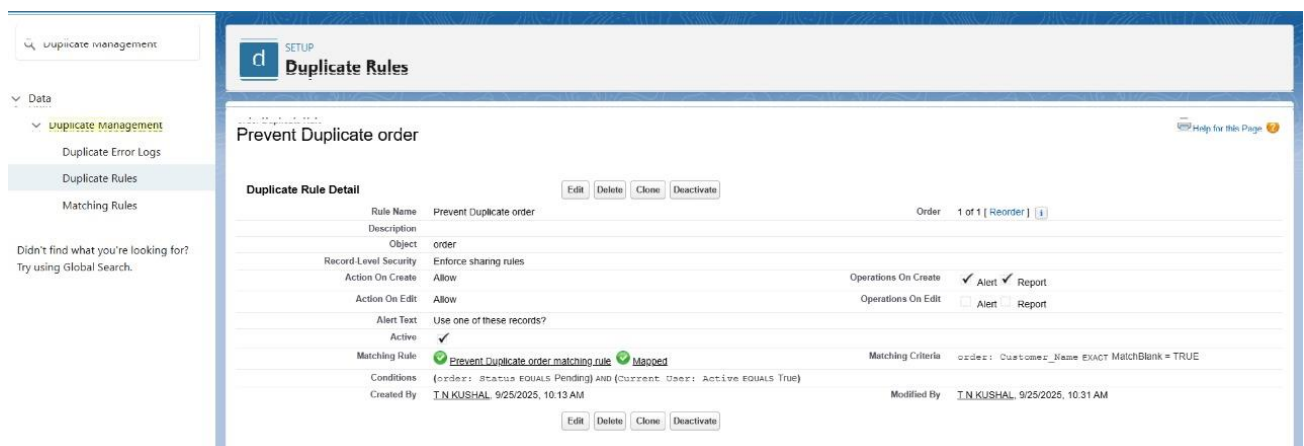
| Job ID | Submitted By | Job Type | Operation | Status | Closed |
|-----------------------------|------------------------|---------------------|-----------|---------------------------------|--------|
| 750gl00000E6saQ | T.N.KUISHAL | Bulk V1 | Insert | Closed | 103 |
| Start Time | 9/25/2025, 9:13 AM PST | Queued Batches | 0 | API Active Processing Time (ms) | 48 |
| End Time | 9/25/2025, 9:13 AM PST | In Progress Batches | 0 | Apex Processing Time (ms) | 0 |
| Time to Complete (hh:mm:ss) | 00:01 | Completed Batches | 1 | Failed Batches | 0 |
| Object | product | Progress | 100% | Records Processed | 4 |
| External ID Field | | Records Failed | 0 | Records Failed | 0 |
| Content Type | CSV | Retries | 0 | Retries | 0 |
| Concurrency Mode | Parallel | | | | |
| API Version | 64.0 | | | | |

Reupload

| Batches | | | | | | | | | | | |
|--------------|-------------|----------------|--------------------|--------------------|----------------------------|---------------------------------|---------------------------|-------------------|----------------|-------------|-----------|
| View Request | View Result | Batch ID | Start Time | End Time | Total Processing Time (ms) | API Active Processing Time (ms) | Apex Processing Time (ms) | Records Processed | Records Failed | Retry Count | Status |
| View Request | View Result | 751gl00000B11y | 9/25/2025, 9:13 AM | 9/25/2025, 9:13 AM | 103 | 48 | 0 | 4 | 0 | 0 | Completed |

2. Duplicate Rules

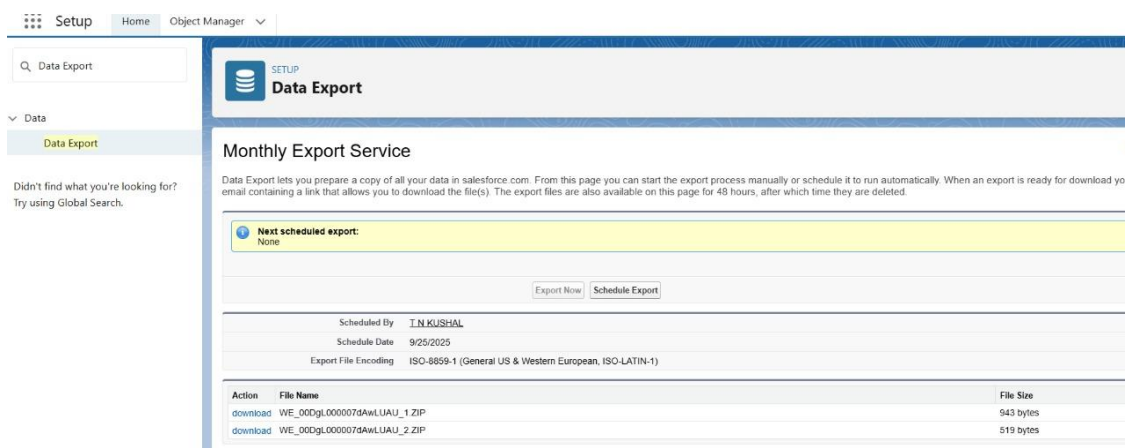
- Purpose: Prevent duplicate records (e.g., two products with the same code).
- Steps:
 - Setup → Duplicate Management → Duplicate Rules.
 - Create a new rule for Product_c or Order_c.
 - Set matching criteria (e.g., Product_Code_c for Product_c).
- Decide behavior:
 - Block creation
 - Alert user
 - Activate the rule.



3. Data Export & Backup

- Purpose: Backup your Salesforce data regularly.

- Steps:
 - Setup → Data Export.
 - Select objects you want to export (Product_c, Order_c).
 - Choose schedule (manual or weekly/monthly).
 - Salesforce generates ZIP files with CSVs of your data.
 - Download for backup.
- Demo Tip:
 - Show how you can backup inventory and orders.



4. VS Code & SFDX Commands

- Purpose:
 - VS Code: Your code editor for Salesforce development (Apex, LWC, metadata).
 - SFDX (Salesforce CLI): Command-line tool to retrieve, deploy, and manage metadata between Salesforce orgs and your local project.

- Essential for development, testing, and deployment, though not mandatory for your demo if you're working entirely in the Salesforce org.

```
PS F:\SalesForce\inventory-dashboard> sf project deploy start --source-dir force-app/main/default/classes --target-org InventoryOrg
>>
```

Deploying Metadata

Deploying v64.0 metadata to kushitn3595@agentforce.com using the v64.0 SOAP API.

```
✓ Preparing 399ms
⌚ Waiting for the org to respond - Skipped
✓ Deploying Metadata 868ms
  ▶ Components: 6/6 (100%)
⌚ Running Tests - Skipped
⌚ Updating Source Tracking - Skipped
✓ Done 0ms
```

Status: **Succeeded**

Deploy ID: 0AfgL00000AiCnTSAN

Target Org: kushitn3595@agentforce.com

Elapsed Time: 1.25s

Deployed Source

| State | Name | Type | Path |
|-----------|----------------------|-----------|--|
| Unchanged | InventoryCallout | ApexClass | force-app\main\default\classes\InventoryCallout.cls |
| Unchanged | InventoryCallout | ApexClass | force-app\main\default\classes\InventoryCallout.cls-meta.xml |
| Unchanged | InventoryCollections | ApexClass | force-app\main\default\classes\InventoryCollections.cls |
| Unchanged | InventoryCollections | ApexClass | force-app\main\default\classes\InventoryCollections.cls-meta.xml |
| Unchanged | InventoryController | ApexClass | force-app\main\default\classes\InventoryController.cls |
| Unchanged | InventoryController | ApexClass | force-app\main\default\classes\InventoryController.cls-meta.xml |
| Unchanged | InventoryRestService | ApexClass | force-app\main\default\classes\InventoryRestService.cls |
| Unchanged | InventoryRestService | ApexClass | force-app\main\default\classes\InventoryRestService.cls-meta.xml |
| Unchanged | InventorySOAPSERVICE | ApexClass | force-app\main\default\classes\InventorySOAPSERVICE.cls |
| Unchanged | InventorySOAPSERVICE | ApexClass | force-app\main\default\classes\InventorySOAPSERVICE.cls-meta.xml |
| Unchanged | OrderItemHandler | ApexClass | force-app\main\default\classes\OrderItemHandler.cls |
| Unchanged | OrderItemHandler | ApexClass | force-app\main\default\classes\OrderItemHandler.cls-meta.xml |

```
PS F:\SalesForce\inventory-dashboard> sf data query --query "SELECT Id, Name FROM Product__c LIMIT 5"
>>
```

| ID | NAME |
|--------------------|------------|
| a02gL000006h8IEQAY | Laptop |
| a02gL0000061rewQAA | Mouse |
| a02gL000006mm5JQAQ | Keyboard |
| a02gL000006mm8XQAQ | Headphones |

Total number of records retrieved: 4.

Querying Data... done