

## Phase 8 (Data Management & Deployment)

### Data Import Wizard

- Browser-based tool to import up to 50,000 records.
- Supports standard/custom objects with field mapping and duplicate prevention.
- Used by Admissions Manager to upload new applications, academic records, or program/course details received offline.

Setup

Home

Object Manager

Almost done

Choose data

Edit mapping

Start import

Edit	Mapped Salesforce Object	CSV Header	Example	Example	Example
Change	Student Name	Name	Rahul Sharma	Priya Patel	Amit Kumar
Change	Student ID	Student_ID__c	CSE2024001	ECE2024002	MECH2024003
Change	Department	Department...	Computer Scien	Electronics	Mechanical
Change	Year of Study	Year_of_Stu...	First Year	First Year	First Year
Change	Date of Birth	Date_of_Birt...	2005-05-15	2005-08-22	2005-03-10
Change	Personal E...	Personal_E...	rahul@vitapstud	priya@vitapstud	amit@vitapstud
Change	Phone Num...	Phone_Num...	+919876543210	+919876543210	+919876543210
Change	Academic St...	Academic_S...	Active	Active	Active
Change	Admission D...	Admission_...	2024-07-01	2024-07-01	2024-07-01
Change	Current GPA	Current_GP...	8.5	9	7.8

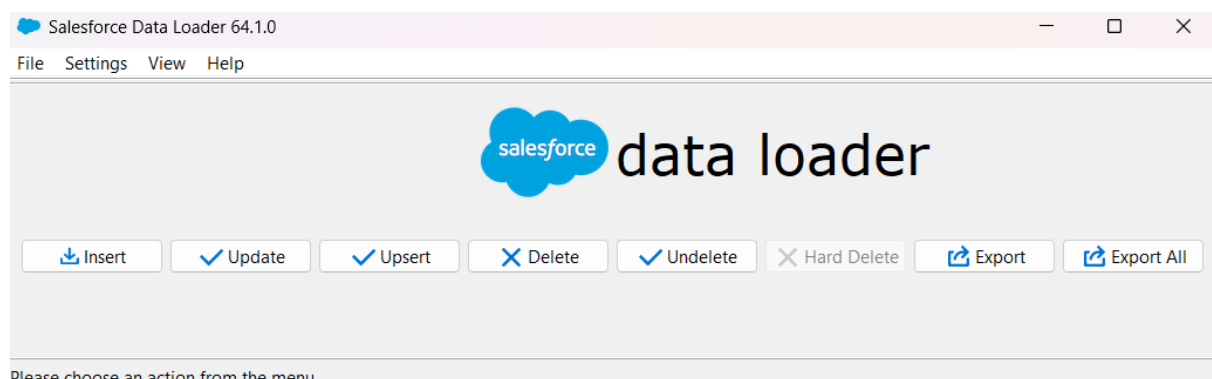
Cancel


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## Data Loader

- Desktop client to handle large volumes of records (millions).
- Supports insert, export, update, upsert, delete.
- Used for migrating historical applications, bulk updating fee statuses, or exporting enrollment data for audits.



 **SETUP**

## Bulk Data Load Jobs

View the details of a bulk data load job.

[« Back to List: Bulk Data Load Jobs](#)

**Bulk Data Load Job Detail**

Reload

Job ID	750gK000000E9iUp	Job Type	Bulk V1	Status	Closed
Submitted By	<a href="#">Aakash Gonuguntla</a>	Operation	Insert	Total Processing Time (ms)	78
Start Time	9/30/2025, 8:59 AM PST	Queued Batches	0	API Active Processing Time (ms)	16
End Time	9/30/2025, 8:59 AM PST	In Progress Batches	0	Apex Processing Time (ms)	0
Time to Complete ([hh:]mm:ss)	00:01	Completed Batches	1		
Object	Student	Failed Batches	0		
External ID Field		Progress	100%		
Content Type	CSV	Records Processed	3		
Concurrency Mode	Parallel	Records Failed	3		
API Version	64.0	Retries	0		

## **Duplicate Rules**

- Works with Matching Rules to prevent duplicate records.
- Can block duplicates or allow with alerts.
- Ensures no duplicate student account,contact,
- records are created when the same applicant reapplies with the same email or ID.

## **Data Export & Backup**

- Provides manual and scheduled export of Salesforce data.
- Exports records into CSV files bundled in .zip.
- Weekly/monthly backups ensure secure storage of student applications, enrollments, and course allocations for compliance.

## **VS Code & SFDX**

- Modern development environment for Salesforce.
- SFDX enables scratch orgs, push/pull metadata, testing, and deployments.
- Used to build and deploy LWCs like Student application portal, faculty application portal etc.