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.

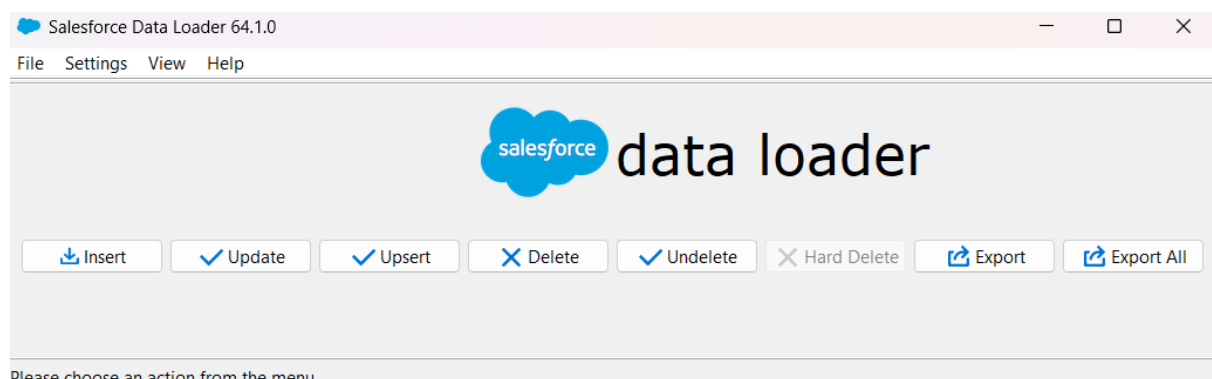• Used by Admissions Manager to upload new applications, academic records, or program/course details received offline.

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	750gK00000E9iUp	Job Type	Bulk V1	Status	Closed
Submitted By	Aakash Gonuguntla	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.