

Phase 8: Data Management & Deployment

Goal :

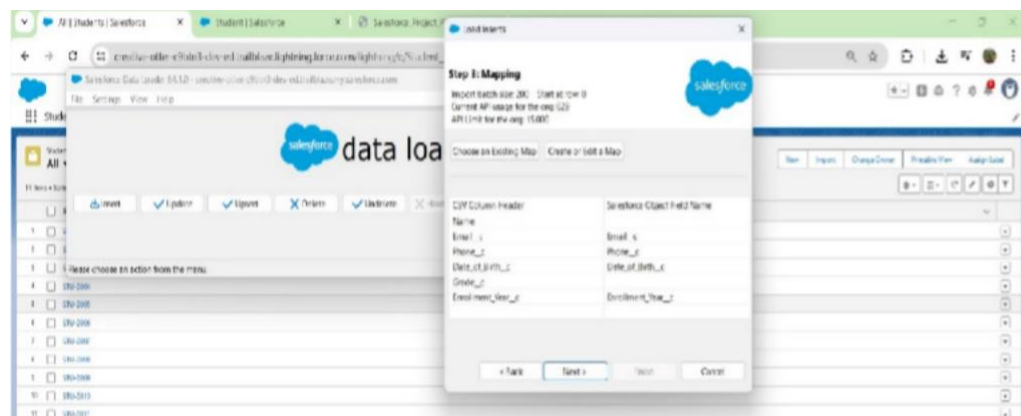
To efficiently manage, migrate, and secure student data and metadata across Salesforce environments using native tools, packages, and modern deployment methods.

1. Data Import Wizard

- Imported sample student records and related data through the Salesforce UI.
- Validated successful import with list views and reports.
- Documented mapping fields for reusability.

2. Data Loader

- Performed bulk inserts, updates, and deletes for large datasets.
- Created CSV templates for Student and Course objects.
- Logged and reviewed success/error CSVs for audit.



3. Duplicate Rules

- Defined matching rules to detect duplicate student records.
- Configured duplicate rules to block or allow with alerts.
- Tested with sample data to ensure data quality.

8. VS Code & SFDX

- Set up VS Code project with Salesforce CLI and authorized orgs.
- Retrieved metadata using sf project retrieve start.
- Modified and deployed changes back using sf project deploy start.