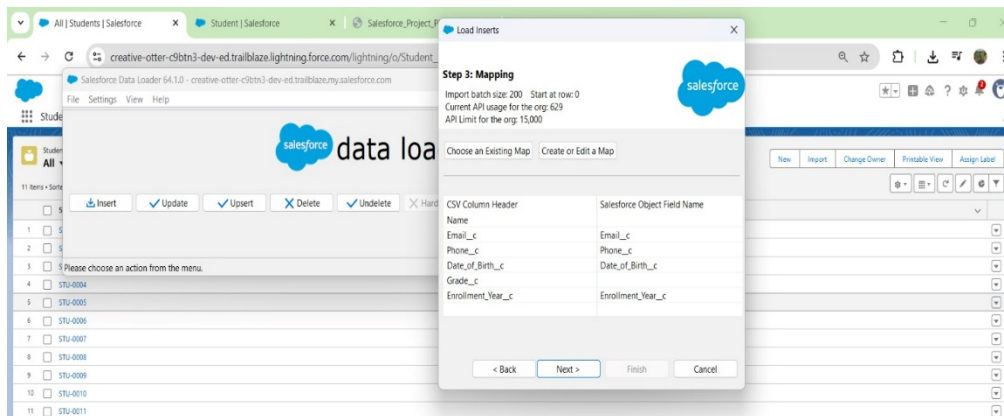


	A	B	C	D
1	<u>Student Name</u>	<u>Email</u>	<u>DOB</u>	<u>Course(Lookup)</u>
2	John Doe	john.doe@example.com	15/11/2002	Electronics
3	Jane Smith	jane.smith@example.com	7/7/2004	python
4	Michael Brown	michael.brown@example.com	5/10/2005	java
5	Alice Green	alice.green@example.com	5/12/2004	c
6	Robert Black	robert.black@example.com	12/4/2003	html
7				
8				
9				
10				
11				
12				
13				
14				

Clipboard		Font			
A1		fx		Id	
	A	B	C	D	E
1	Id	Success	Created	Error	
2	a01gL0000	TRUE	TRUE		
3	a01gL0000	TRUE	TRUE		
4	a01gL0000	TRUE	TRUE		
5	a01gL0000	TRUE	TRUE		
6	a01gL0000	TRUE	TRUE		
7					
8					
9					
10					

## 2. Data Loader (Optional for Bulk Operations)

- Download and install Data Loader.
- Open Data Loader → Insert → Log in to Salesforce.
- Choose the object (Student, Faculty, Course).
- Browse and select the CSV file.
- Map CSV columns to Salesforce fields.
- Click Next → Finish → OK.
- Review success and error CSVs for audit.



### 3. Duplicate Rules

- Go to Setup → Duplicate Management → Matching Rules.
- Create rules to detect duplicate student records.
- Configure Duplicate Rules to block or alert duplicates.
- Test with sample data to ensure data quality.

Your Salesforce matching rule is now activated Inbox x



**Salesforce Duplicate Management (noreply@salesforce.com)** <noreply@salesforce.com>

to me ▾

Hello Maktumsabgari Juha Fathima,

Your matching rule Duplicate prevention for identifying duplicate records has been activated and is now ready to use.

Salesforce Duplicate Management

You're registered as [zuhaf8899@gmail.com](mailto:zuhaf8899@gmail.com) in CodeSphere Institute Of Technology. Need help? Contact Salesforce Customer Support.

Imission Date

oto

udent ID

ourse

Search Courses

udent Status

--None--



#### Similar Records Exist



This record looks like an existing record. Make sure to check any potential duplicate records before saving.

[View Duplicates](#)



Cancel

Save & New

Save

## 4. Data Export & Backup

- Go to Setup → Data Export.
- Schedule weekly export of critical objects (Students, Courses, Enrollments).
- Download CSVs and store securely for rollback.

**Schedule Data Export**

Save Cancel

Export File Encoding: ISO-8859-1 (General US & Western European, ISO-LATIN-1) ▼

Include images, documents, and attachments: ☒ ⓘ

Include Salesforce Files and Salesforce CRM Content document versions: ☐ ⓘ

Replace carriage returns with spaces: ☒

Schedule Data Export

Frequency: ☒ On day 1 ▼ of every month ☐ On the 1st ▼ Sunday ▼ of every month

Start: 9/25/2025 [ 9/25/2025 ]

End: 10/25/2025 [ 9/25/2025 ]

Preferred Start Time: 9:00 AM ▼

Exact start time will depend on job queue activity.

Leads Accounts Contacts Opportunities Forecasts Contracts Orders Cases Solutions Products Reports Dashboards + ▼

### Monthly Export Service

Help for this Page ⓘ

Data Export lets you prepare a copy of all your data in salesforce.com. From this page you can start the export process manually or schedule it to run automatically. When an export is ready for download you will receive an email containing a link that allows you to download the file(s). The export files are also available on this page for 48 hours, after which time they are deleted.

**Next scheduled export:**  
None

Export Now Schedule Export

Scheduled By	Maktumsabgari Juha Fathima
Schedule Date	9/26/2025
Export File Encoding	ISO-8859-1 (General US & Western European, ISO-LATIN-1)

Action	File Name	File Size
<a href="#">download</a>	WE_00DgL00000BY8phUAD_1.ZIP	5.3K

## 5. Deploy Metadata

Option A: VS Code & Salesforce CLI

- Move your project to a local folder (avoid OneDrive).
- Open VS Code and authorize org:  
sf org login web --alias SourceOrg --set-default
- Retrieve metadata (Student, Course, Faculty objects):

- sf project retrieve start --metadata CustomObject:Student\_\_c --metadata CustomObject:Course\_\_c --metadata CustomObject:Faculty\_\_c
- Verify retrieved files in force-app/main/default/objects/.
- Deploy to target org:  
sf project deploy start --source-dir force-app/main/default
- Confirm success in terminal or VS Code output.

## Option B: Change Sets

- In Source Org → Setup → Outbound Change Set → New.
- Add components (objects, fields, Apex classes).
- Upload to target org → Inbound Change Set → Deploy → Validate.

STATE	FULL NAME	TYPE	PROJECT PATH
Unchanged	Course__c	CustomObject	force-app/main/default/objects/Course__c/object-meta.xml
Unchanged	Course__c.Course_Code__c	CustomField	force-app/main/default/objects/Course__c/fields/Course_Code__c.field-meta.xml
Unchanged	Course__c.Course_Fee__c	CustomField	force-app/main/default/objects/Course__c/fields/Course_Fee__c.field-meta.xml
Unchanged	Course__c.Credits__c	CustomField	force-app/main/default/objects/Course__c/fields/Credits__c.field-meta.xml
Unchanged	Course__c.Duration__c	CustomField	force-app/main/default/objects/Course__c/fields/Duration__c.field-meta.xml
Unchanged	Course__c.End_Date__c	CustomField	force-app/main/default/objects/Course__c/fields/End_Date__c.field-meta.xml
Unchanged	Course__c.Enrolled_Students__c	CustomField	force-app/main/default/objects/Course__c/fields/Enrolled_Students__c.field-meta.xml
Unchanged	Course__c.Faculty__c	CustomField	force-app/main/default/objects/Course__c/fields/Faculty__c.field-meta.xml
Unchanged	Course__c.Seats__c	CustomField	force-app/main/default/objects/Course__c/fields/Seats__c.field-meta.xml
Unchanged	Course__c.Start_Date__c	CustomField	force-app/main/default/objects/Course__c/fields/Start_Date__c.field-meta.xml
Unchanged	Course__c.All	ListView	force-app/main/default/objects/Course__c/listViews/All.listView-meta.xml
Unchanged	Course__c.StartDate_Check	ValidationRule	force-app/main/default/objects/Course__c/validationRules/StartDate_Check.validationRule-meta.xml
Unchanged	Faculty__c	CustomObject	force-app/main/default/objects/Faculty__c/object-meta.xml
Unchanged	Faculty__c.Department__c	CustomField	force-app/main/default/objects/Faculty__c/fields/Department__c.field-meta.xml
Unchanged	Faculty__c.Email__c	CustomField	force-app/main/default/objects/Faculty__c/fields/Email__c.field-meta.xml
Unchanged	Faculty__c.Employee_ID__c	CustomField	force-app/main/default/objects/Faculty__c/fields/Employee_ID__c.field-meta.xml
Unchanged	Faculty__c.Status__c	CustomField	force-app/main/default/objects/Faculty__c/fields/Status__c.field-meta.xml
Unchanged	Faculty__c.All	ListView	force-app/main/default/objects/Faculty__c/listViews/All.listView-meta.xml
Unchanged	Student__c	CustomObject	force-app/main/default/objects/Student__c/object-meta.xml
Unchanged	Student__c.Admission_Date__c	CustomField	force-app/main/default/objects/Student__c/fields/Admission_Date__c.field-meta.xml
Unchanged	Student__c.Course__c	CustomField	force-app/main/default/objects/Student__c/fields/Course__c.field-meta.xml
Unchanged	Student__c.DOB__c	CustomField	force-app/main/default/objects/Student__c/fields/DOB__c.field-meta.xml
Unchanged	Student__c.Email__c	CustomField	force-app/main/default/objects/Student__c/fields/Email__c.field-meta.xml
Unchanged	Student__c.Photo__c	CustomField	force-app/main/default/objects/Student__c/fields/Photo__c.field-meta.xml
Unchanged	Student__c.Student_ID__c	CustomField	force-app/main/default/objects/Student__c/fields/Student_ID__c.field-meta.xml
Unchanged	Student__c.Student_Photo__c	CustomField	force-app/main/default/objects/Student__c/fields/Student_Photo__c.field-meta.xml
Unchanged	Student__c.Student_Status__c	CustomField	force-app/main/default/objects/Student__c/fields/Student_Status__c.field-meta.xml
Unchanged	Student__c.All	ListView	force-app/main/default/objects/Student__c/listViews/All.listView-meta.xml
Unchanged	Student__c.DOB_Check	ValidationRule	force-app/main/default/objects/Student__c/validationRules/DOB_Check.validationRule-meta.xml

## 6. ANT Migration Tool

- Configure build.xml and package.xml.
- Retrieve custom object and Apex class metadata from source org.
- Deploy changes to target org.
- Validate success logs.

## 7. Notes & Best Practices

- Always retrieve metadata to a local folder, not OneDrive, to avoid empty folders.
- Verify all fields, list views, and validation rules are retrieved.
- Keep backups of CSV files and metadata.
- Use CLI commands with correct syntax in new Salesforce CLI (sf).