

Phase 8: Data Management & Deployment

Data Import Wizard

Department Details:

data import

Integrations

Data Import Wizard

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Bulk Data Load Jobs

Bulk Data Load Job

750gK00000F3fSf

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View the details of a bulk data load job.

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Bulk Data Load Job Detail

Reload

Job ID	750gK00000F3fSf	Job Type	Bulk V1	Status	Closed
Submitted By	ALURI SANTHOSH REDDY	Operation	Insert	Total Processing Time (ms)	372
Start Time	10/10/2025, 7:32 AM PST	Queued Batches	0	API Active Processing Time (ms)	286
End Time	10/10/2025, 7:32 AM PST	In Progress Batches	0	Apex Processing Time (ms)	0
Time to Complete (hh:mm:ss)	00:01	Completed Batches	1		
Object	Department	Failed Batches	0		
External ID Field		Progress	100%		
Content Type	CSV	Records Processed	16		
Concurrency Mode	Parallel	Records Failed	16		
API Version	64.0	Retries	0		

Reload

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	State Message	Status
View Request	View Result	751gK00000C9Qxd	10/10/2025, 7:32 AM	10/10/2025, 7:32 AM	372	286	0	16	16	0		Completed

Travel Approvals Details:

data import

Integrations

Data Import Wizard

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SETUP

Bulk Data Load Jobs

Bulk Data Load Job

750gK00000F3ymH

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Bulk Data Load Job Detail

Reload

Job ID	750gK00000F3ymH	Job Type	Bulk V1	Status	Closed
Submitted By	ALURI SANTHOSH REDDY	Operation	Insert	Total Processing Time (ms)	408
Start Time	10/10/2025, 7:37 AM PST	Queued Batches	0	API Active Processing Time (ms)	201
End Time	10/10/2025, 7:37 AM PST	In Progress Batches	0	Apex Processing Time (ms)	0
Time to Complete (hh:mm:ss)	00:01	Completed Batches	1		
Object	Travel Approval	Failed Batches	0		
External ID Field		Progress	100%		
Content Type	CSV	Records Processed	300		
Concurrency Mode	Parallel	Records Failed	0		
API Version	64.0	Retries	0		

Reload

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	State Message	Status
View Request	View Result	751gK00000C9RUJ	10/10/2025, 7:37 AM	10/10/2025, 7:37 AM	408	201	0	300	0	0		Completed

Data Loader

- **Description:** Data Loader is a powerful desktop application that allows for the bulk import, update, export, or deletion of Salesforce records. It's designed to handle large volumes of data, from tens of thousands to millions of records, using CSV (Comma Separated Values) files.
- **Relevance:** This tool is essential for large-scale data migrations, such as moving customer data from an old system into Salesforce. For your project, which likely involves a small or manageable set of sample data, using Data Loader is not necessary.

Duplicate Rules

- **Description:** Duplicate Rules are a native Salesforce feature that prevents users from creating duplicate records. You define matching criteria (e.g., "if the Email and Company Name are identical, flag it as a duplicate") to maintain clean and accurate data across your organization.
- **Relevance:** This is highly relevant. Implementing duplicate rules ensures that you do not have duplicate customer profiles, departments, or travel bookings in your Tourism Management Application, which is critical for data integrity.

Data Export & Backup

- **Description:** This refers to the process of creating a copy of your Salesforce data for backup, archival, or offline use. Salesforce provides tools like the "Data Export Service" that can generate a set of CSV files containing all your record data.
- **Relevance:** While not strictly required for the project to function, it is an optional but highly recommended good practice. Regularly backing up your project data protects you against accidental data loss.

Change Sets

- Description: Change Sets are a declarative tool used to deploy metadata customizations (like custom objects, fields, reports, and Apex code) from one Salesforce org to another, typically from a Sandbox (development environment) to a Production (live) org.
- Relevance: For this project, which is contained within a single Developer Edition org and does not have a separate Sandbox or Production org, Change Sets are not required.

Unmanaged vs. Managed Packages

- Description: Packages are containers for distributing a collection of Salesforce components (apps, objects, etc.). Unmanaged packages are open-source templates that can be modified by the installer. Managed packages are locked, upgradeable applications typically sold on the AppExchange.
- Relevance: Since your project is a standalone application built within one org and does not need to be packaged for distribution to other companies or users, packages are not required.

ANT Migration Tool

- Description: The ANT Migration Tool is a command-line utility for deploying metadata between a local directory and a Salesforce org. It is scriptable and often used by developers and in automated deployment processes for more complex scenarios.
- Relevance: This tool is more powerful than Change Sets but also more complex. As your project does not require deployment between orgs, the ANT Migration Tool is not required and is generally only needed for complex, large-scale deployment scenarios.

VS Code & SFDX

- Description: Visual Studio (VS) Code is a popular code editor, and SFDX (Salesforce Developer Experience) is a modern set of tools that enables a source-driven development model. They are used for writing Apex code, creating Lightning Web Components, managing metadata as files, and deploying changes.

- Relevance: If your project is built primarily with declarative tools (like Flow and custom objects) and does not involve custom Apex code, Lightning components, or deployment to multiple orgs, then VS Code and SFDX are not required.