

1. Data Import Wizard

- Salesforce tool for **importing records** quickly without code.
- Example: Import Plastic Waste or Recycled Product data from CSV files.
- Setup: **Setup → Data Import Wizard → Select Object → Upload File**
- **Screenshot placeholder:** Data Import Wizard interface

2. Data Loader

- Desktop client for **bulk data import/export**, supporting large volumes.
- Example: Import 10,000 Plastic Waste records.
- Setup: **Install Data Loader → Login → Insert/Update/Delete Records**
- **Screenshot placeholder:** Data Loader operation

3. Duplicate Rules

- Prevent duplicate records in Salesforce.
- Example: Avoid duplicate Plastic Waste entries.
- Setup: **Setup → Duplicate Management → Duplicate Rules → New Rule**
- **Screenshot placeholder:** Duplicate Rule configuration

4. Data Export & Backup

- Backup Salesforce data regularly.
- Example: Export Recycled Products and Orders monthly.
- Setup: **Setup → Data Export → Schedule Export → Download Files**
- **Screenshot placeholder:** Data export interface

5. Change Sets

- Deploy metadata between Salesforce orgs (Sandbox → Production).
- Example: Deploy Recycled Product custom object and flows.
- Setup: **Setup → Outbound Change Sets → Create → Add Components → Upload**
- **Screenshot placeholder:** Change Set setup

6. Unmanaged vs Managed Packages


- **Unmanaged Package:** Used for distributing templates or code for learning/dev purposes.
- **Managed Package:** Used for production-ready apps with version control.
- **Screenshot placeholder:** Package creation screen

7. ANT Migration Tool

- Command-line utility to **deploy metadata** using XML scripts.
- Example: Move workflows and Apex classes from Sandbox to Production.
- **Screenshot placeholder:** ANT migration terminal

8. VS Code & Salesforce DX (SFDX)

- Modern development setup for **version control and CI/CD**.
 - Example: Create Lightning Web Components and deploy via SFDX.
 - **Screenshot placeholder:** VS Code Salesforce project
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 **Result of Phase 8:** - Data is efficiently imported, exported, and backed up - Deployment is structured via Change Sets, ANT, or SFDX - Duplicate management ensures clean, reliable data - Salesforce orgs are synchronized for development and production