

Prerequisite:

1.Create an object : "Electronic Products"

2.Fields : Name, Price, Type (Picklist: Mobile, LED, AC)

3.Add some 20 approx records covering all above various values / combinations

=====

Business Problems:

1.

Take a backup of data present in the "Electronic Products" object for safety.(only active records)

2.

Take a back up of above objects where active as well as deleted records, both needs to be backup.

3.

Assume you got a file from another team (Say, Oracle).

Columns: Oracle_ID, Oracle_Name, Oracle_Pr, Oracle_type

It has some records.

Modify the file in such a way, that you can use it for Insert.

And field mapping needs to be happen by auto-match.

4.

As per new business policy, Mobile product price will see 20% increase.

Modify the data using data loader.

5.

As per new budget declaration by Govt, LED TVs will have 5% reduction in price.

On the same time, you need to add some 5 new records for Product object as Samsung launched 5 new LED sets.

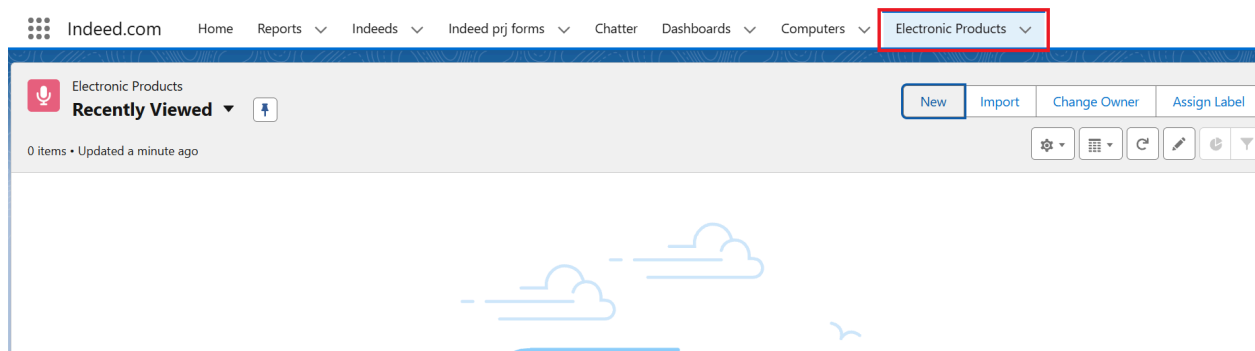
Prepare a SINGLE file which will do both activities in one process.

6. Company stopped selling ACs and the business is being outsourced now.

Delete all AC records.

Pre-requisites

Created Object



Created fields

Indeed.com

Electronic Products

Recently Viewed

0 items • Updated a minute ago

New Electronic Product

* = Required Information

Information

* Name

Complete this field.

Price

Type

--None--

✓ --None--

Mobile

LED

AC

Owner

Parijatha Kamuni

Save & New

Save

20 records

Indeed.com

Home
Reports
Indeeds
Indeed prj forms
Chatter
Dashboards
Computers
Electronic Products

Electronic Products

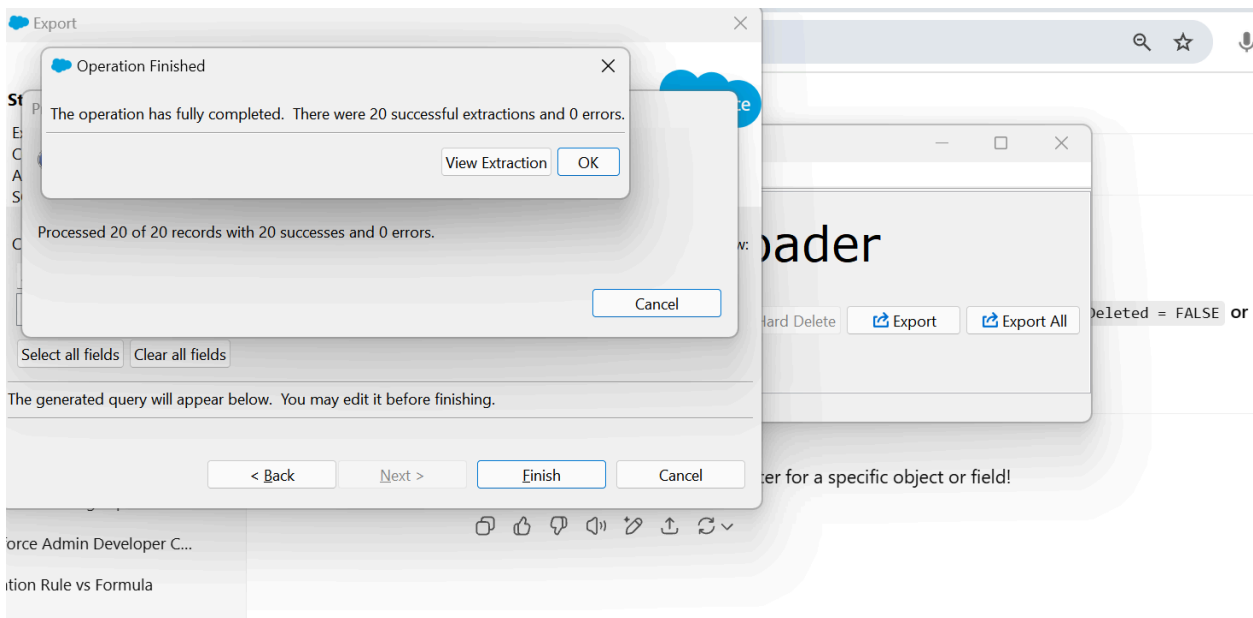
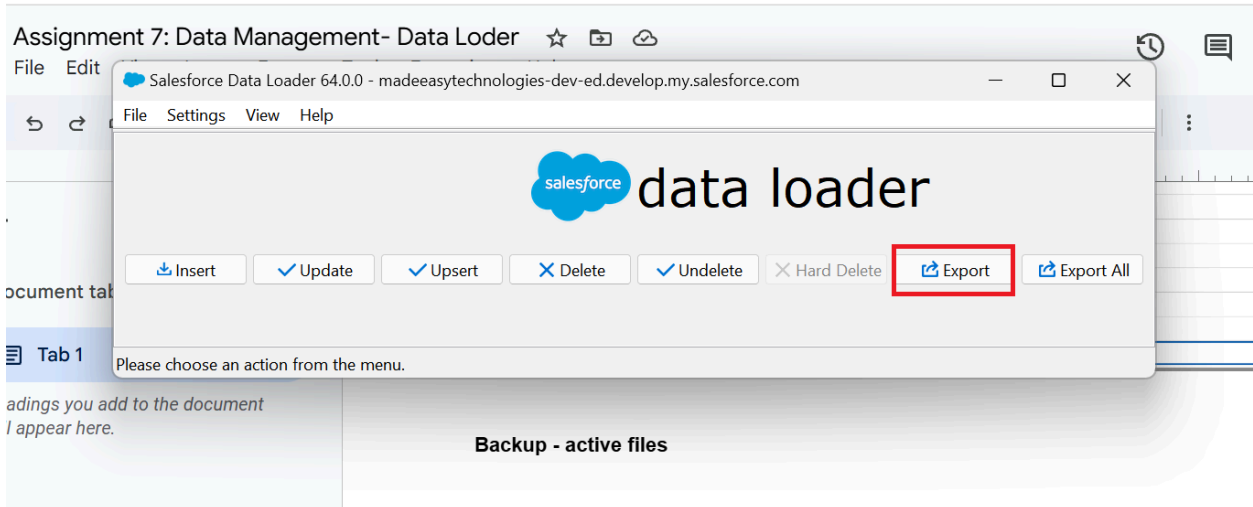
Recently Viewed

New
Import
Char

20 items • Updated a few seconds ago

	<input type="checkbox"/> Name
10	<input type="checkbox"/> Samsung
11	<input type="checkbox"/> Hisense
12	<input type="checkbox"/> Nexus
13	<input type="checkbox"/> hitachi
14	<input type="checkbox"/> Toshiba
15	<input type="checkbox"/> Sony
16	<input type="checkbox"/> Motorola
17	<input type="checkbox"/> Nokia
18	<input type="checkbox"/> MI
19	<input type="checkbox"/> Apple
20	<input type="checkbox"/> Samsung

1. Backup - active files



Export active files_backup - Excel (Unlicensed Product)

CreatedBy	CreatedDate	Id	IsDeleted	LastModifiedDate	LastModifiedBy	LastReferenceDate	LastViewedDate	Name	OwnerId	Price__c	SystemMcType__c
005aj0000	2025-07-2	a0Baj0000	FALSE	005aj0000	2025-07-2	2025-07-2	2025-07-2	fridge	005aj0000	700	2025-07-2 LED
005aj0000	2025-07-2	a0Baj0000	FALSE	005aj0000	2025-07-2	2025-07-2	2025-07-2	Tosut	005aj0000	1500	2025-07-2 AC
005aj0000	2025-07-2	a0Baj0000	FALSE	005aj0000	2025-07-2	2025-07-2	2025-07-2	Nokia	005aj0000	200	2025-07-2 Mobile
005aj0000	2025-07-2	a0Baj0000	FALSE	005aj0000	2025-07-2	2025-07-2	2025-07-2	Apple	005aj0000	2000	2025-07-2 Mobile
005aj0000	2025-07-2	a0Baj0000	FALSE	005aj0000	2025-07-2	2025-07-2	2025-07-2	tissort	005aj0000	3000	2025-07-2 AC
005aj0000	2025-07-2	a0Baj0000	FALSE	005aj0000	2025-07-2	2025-07-2	2025-07-2	insulator	005aj0000	1500	2025-07-2 AC
005aj0000	2025-07-2	a0Baj0000	FALSE	005aj0000	2025-07-2	2025-07-2	2025-07-2	Samsung	005aj0000	1000	2025-07-2 Mobile
005aj0000	2025-07-2	a0Baj0000	FALSE	005aj0000	2025-07-2	2025-07-2	2025-07-2	MI	005aj0000	1200	2025-07-2 Mobile
005aj0000	2025-07-2	a0Baj0000	FALSE	005aj0000	2025-07-2	2025-07-2	2025-07-2	Motorola	005aj0000	400	2025-07-2 Mobile
005aj0000	2025-07-2	a0Baj0000	FALSE	005aj0000	2025-07-2	2025-07-2	2025-07-2	Sony	005aj0000	2000	2025-07-2 LED
005aj0000	2025-07-2	a0Baj0000	FALSE	005aj0000	2025-07-2	2025-07-2	2025-07-2	Toshiba	005aj0000	3000	2025-07-2 LED
005aj0000	2025-07-2	a0Baj0000	FALSE	005aj0000	2025-07-2	2025-07-2	2025-07-2	hitachi	005aj0000	1700	2025-07-2 LED
005aj0000	2025-07-2	a0Baj0000	FALSE	005aj0000	2025-07-2	2025-07-2	2025-07-2	Nexus	005aj0000	2000	2025-07-2 LED
005aj0000	2025-07-2	a0Baj0000	FALSE	005aj0000	2025-07-2	2025-07-2	2025-07-2	Hisense	005aj0000	1600	2025-07-2 LED
005aj0000	2025-07-2	a0Baj0000	FALSE	005aj0000	2025-07-2	2025-07-2	2025-07-2	Samsung	005aj0000	200	2025-07-2 LED
005aj0000	2025-07-2	a0Baj0000	FALSE	005aj0000	2025-07-2	2025-07-2	2025-07-2	whirpool	005aj0000	700	2025-07-2 AC

2. Backup - active and deleted files

Assignment 7: Data Management- Data Loader

Salesforce Data Loader 64.0.0 - madeeasytechnologies-dev-ed.develop.my.salesforce.com

File Settings View Help

salesforce data loader

Insert Update Upsert Delete Undelete Hard Delete Export **Export All**

Please choose an action from the menu.

Document tab

Tab 1

Headings you add to the document will appear here.

SystemMcType__c	Price__c	SystemMcType__c
2025-07-2 LED	700	2025-07-2 LED
2025-07-2 AC	1500	2025-07-2 AC
2025-07-2 Mobile	200	2025-07-2 Mobile
2025-07-2 AC	2000	2025-07-2 AC
2025-07-2 AC	3000	2025-07-2 AC
2025-07-2 Mobile	1500	2025-07-2 Mobile
2025-07-2 Mobile	1000	2025-07-2 Mobile
2025-07-2 Mobile	1200	2025-07-2 Mobile
2025-07-2 Mobile	400	2025-07-2 Mobile
2025-07-2 LED	2000	2025-07-2 LED
2025-07-2 LED	3000	2025-07-2 LED
2025-07-2 LED	1700	2025-07-2 LED
2025-07-2 LED	2000	2025-07-2 LED
2025-07-2 LED	1600	2025-07-2 LED

Exportall active and inactive records_backup - Excel (U

File Home Insert Page Layout Formulas Data Review View Help Tell me what you want to do

Clipboard Font Alignment Number Conditional Formatting

SIGN IN TO OFFICE It looks like your stored credentials are out of date. Please sign in with the account you use with Office so we can

A1 CreatedByld

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
	CreatedBy	CreatedDate	Id	IsDeleted	LastModified	LastModifiedDate	LastReferenceDate	LastViewedDate	Name	OwnerId	Price__c	SystemModStamp	Type__c		
1	005aj0000	2025-07-2	a0Baj0000	TRUE	005aj0000	2025-07-2	2025-07-2	2025-07-2	visala	005aj0000	1200	2025-07-2	AC		
2	005aj0000	2025-07-2	a0Baj0000	FALSE	005aj0000	2025-07-2	2025-07-2	2025-07-2	fridgedare	005aj0000	700	2025-07-2	LED		
3	005aj0000	2025-07-2	a0Baj0000	FALSE	005aj0000	2025-07-2	2025-07-2	2025-07-2	Tosut	005aj0000	1500	2025-07-2	AC		
4	005aj0000	2025-07-2	a0Baj0000	FALSE	005aj0000	2025-07-2	2025-07-2	2025-07-2	Nokia	005aj0000	200	2025-07-2	Mobile		
5	005aj0000	2025-07-2	a0Baj0000	FALSE	005aj0000	2025-07-2	2025-07-2	2025-07-2	Apple	005aj0000	2000	2025-07-2	Mobile		
6	005aj0000	2025-07-2	a0Baj0000	FALSE	005aj0000	2025-07-2	2025-07-2	2025-07-2	tissort	005aj0000	3000	2025-07-2	AC		
7	005aj0000	2025-07-2	a0Baj0000	FALSE	005aj0000	2025-07-2	2025-07-2	2025-07-2	insulator	005aj0000	1500	2025-07-2	AC		
8	005aj0000	2025-07-2	a0Baj0000	FALSE	005aj0000	2025-07-2	2025-07-2	2025-07-2	Samsung	005aj0000	1000	2025-07-2	Mobile		
9	005aj0000	2025-07-2	a0Baj0000	FALSE	005aj0000	2025-07-2	2025-07-2	2025-07-2	MI	005aj0000	1200	2025-07-2	Mobile		
10	005aj0000	2025-07-2	a0Baj0000	FALSE	005aj0000	2025-07-2	2025-07-2	2025-07-2	Motorola	005aj0000	400	2025-07-2	Mobile		
11	005aj0000	2025-07-2	a0Baj0000	FALSE	005aj0000	2025-07-2	2025-07-2	2025-07-2	Sony	005aj0000	2000	2025-07-2	LED		
12	005aj0000	2025-07-2	a0Baj0000	FALSE	005aj0000	2025-07-2	2025-07-2	2025-07-2	Toshiba	005aj0000	3000	2025-07-2	LED		
13	005aj0000	2025-07-2	a0Baj0000	FALSE	005aj0000	2025-07-2	2025-07-2	2025-07-2	hitachi	005aj0000	1700	2025-07-2	LED		
14	005aj0000	2025-07-2	a0Baj0000	FALSE	005aj0000	2025-07-2	2025-07-2	2025-07-2	Nexus	005aj0000	2000	2025-07-2	LED		
15	005aj0000	2025-07-2	a0Baj0000	FALSE	005aj0000	2025-07-2	2025-07-2	2025-07-2	Hisense	005aj0000	1600	2025-07-2	LED		
16	005aj0000	2025-07-2	a0Baj0000	FALSE	005aj0000	2025-07-2	2025-07-2	2025-07-2	Samsung	005aj0000	200	2025-07-2	LED		
17	005aj0000	2025-07-2	a0Baj0000	FALSE	005aj0000	2025-07-2	2025-07-2	2025-07-2	whirlpool	005aj0000	200	2025-07-2	AC		
18	005aj0000	2025-07-2	a0Baj0000	FALSE	005aj0000	2025-07-2	2025-07-2	2025-07-2	Samsung	005aj0000	1200	2025-07-2	AC		
19	005aj0000	2025-07-2	a0Baj0000	FALSE	005aj0000	2025-07-2	2025-07-2	2025-07-2	glaxal	005aj0000	1700	2025-07-2	AC		
20	005aj0000	2025-07-2	a0Baj0000	FALSE	005aj0000	2025-07-2	2025-07-2	2025-07-2	Smartwin	005aj0000	1500	2025-07-2	AC		
21	005aj0000	2025-07-2	a0Baj0000	FALSE	005aj0000	2025-07-2	2025-07-2	2025-07-2	panasonic	005aj0000	2500	2025-07-2	AC		
22	005aj0000	2025-07-2	a0Baj0000	TRUE	005aj0000	2025-07-2	2025-07-2	2025-07-2	abcd	005aj0000	200	2025-07-2	Mobile		
23	005aj0000	2025-07-2	a0Baj0000	TRUE	005aj0000	2025-07-2	2025-07-2	2025-07-2	amajksdkj	005aj0000	2000	2025-07-2	LED		
24															
25															
26															

Exportall active and inactive r

Ready Accessibility Unavailable

3. Data from the client Oracle file, and Insert and field mapping in Salesforce

Customer data Oracle

The image shows two screenshots. The top screenshot is a Microsoft Excel spreadsheet with a green header bar and a ribbon containing 'File', 'Home', 'Insert', 'Page Layout', 'Formulas', and 'Data'. The 'Home' tab is active, showing the 'Clipboard' group with 'Paste' and 'Clipboard' buttons, and the 'Font' group with 'Calibri', '11', 'A^', 'A', 'B', 'I', 'U', 'Font', and 'Align' options. A yellow notification bar at the top says 'SIGN IN TO OFFICE It looks like your stored credentials are out of'. The spreadsheet has columns A through F and rows 1 through 19. The data is as follows:

	A	B	C	D	E	F
1	Oracle_ID	Oracle_Na	Oracle_Pr	Oracle_type__c		
2	111	abc	1200	ghkj		
3	222	def	1500	kgm		
4	333	ghi	600	xcf		
5	444	jkl	1800	asd		
6	555	mno	2000	trer		
7						
8						
9						
10						
11						
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13						
14						
15						
16						
17						
18						
19						

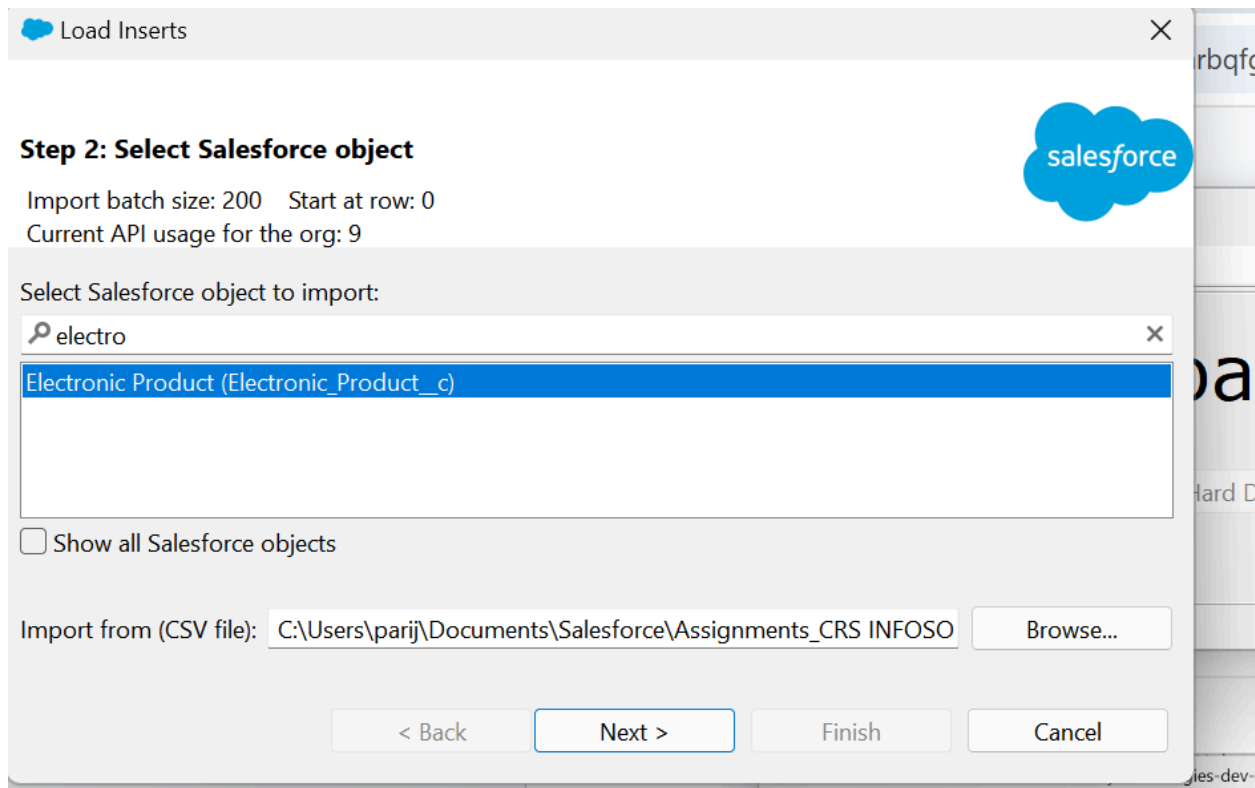
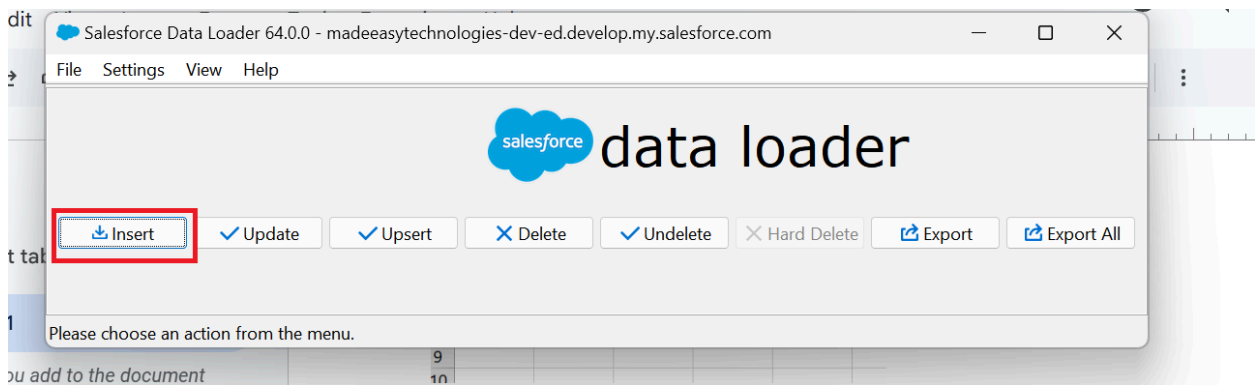
The bottom screenshot is a Salesforce 'Object Manager' page for 'Electronic Product'. The left sidebar shows a navigation menu with 'Details', 'Fields & Relationships', 'Page Layouts', 'Lightning Record Pages', 'Buttons, Links, and Actions', 'Compact Layouts', 'Field Sets', 'Object Limits', 'Record Types', and 'Related Lookup Filters'. The 'Fields & Relationships' section is active, showing a table of fields. The table has columns: 'FIELD LABEL', 'FIELD NAME', 'DATA TYPE', and 'CONTROLL'. The fields are: 'Created By' (CreatedById, Lookup(User)), 'Last Modified By' (LastModifiedById, Lookup(User)), 'Name' (Name, Text(80)), 'Owner' (OwnerId, Lookup(User,Group)), 'Price' (Price__c, Currency(18, 0)), and 'Type' (Type__c, Picklist). The 'Name' and 'Price' fields are highlighted with red boxes.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLL
Created By	CreatedById	Lookup(User)	
Last Modified By	LastModifiedById	Lookup(User)	
Name	Name	Text(80)	
Owner	OwnerId	Lookup(User,Group)	
Price	Price__c	Currency(18, 0)	
Type	Type__c	Picklist	

Changed the columns with API names of electronic products object fields which are related

SIGN IN TO OFFICE It looks like your stored credentials are out of date.

	A	B	C	D	E
1	Name	Price__c	Type__c		
2	abc	1200	ghkj		
3	def	1500	kgm		
4	ghi	600	xcf		
5	jkl	1800	asd		
6	mno	2000	trer		
7					
8					
9					
10					



Load Inserts


Data Selection ✕

Step Initialization succeeded.

Import The CSV file has 5 rows.

Current Import batch size: 200

Selected Start at row: 0

 Current API usage for the org: 9

API Limit for the org: 15,000

Elect SOAP API version: 64.0

☐ **St**

OK

Import from (CSV file): C:\Users\parij\Documents\Salesforce\Assignments_CF

Step 3: Mapping

Import batch size: 200 Start at row: 0
Current API usage for the org: 9
API Limit for the org: 15,000
SOAP API version: 64.0



Choose an Existing Map

Create or Edit a Map

CSV Column Header	Salesforce Object Field Name
Name	Name
Price__c	Price__c
Type__c	Type__c

< Back

Next >

Finish

Cancel

Mapping Dialog

×

Match the Salesforce object fields to your CSV column headers.

Clear Mapping

Auto-Match Fields to Columns

🔍

Field Name/Relationship	Field Label	Field Data Type
Owner-Id	Owner ID	Lookup (Group, User)

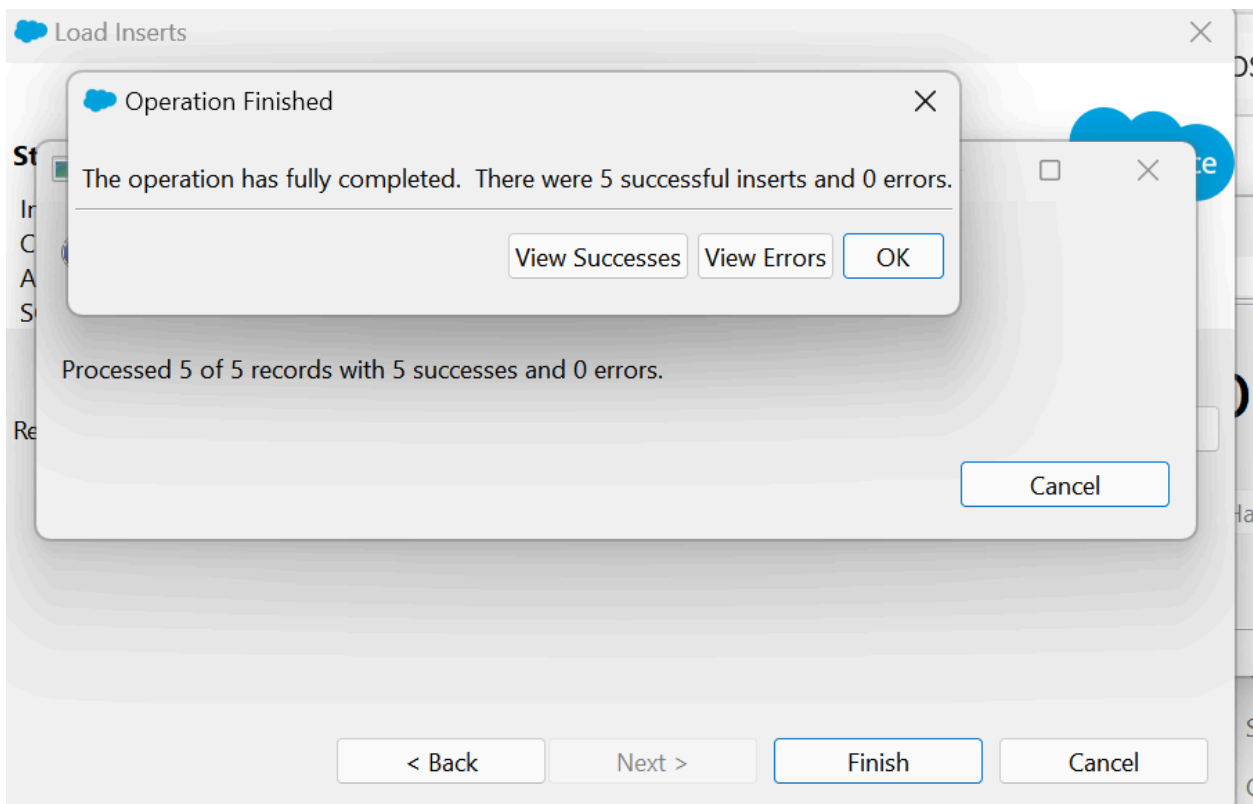
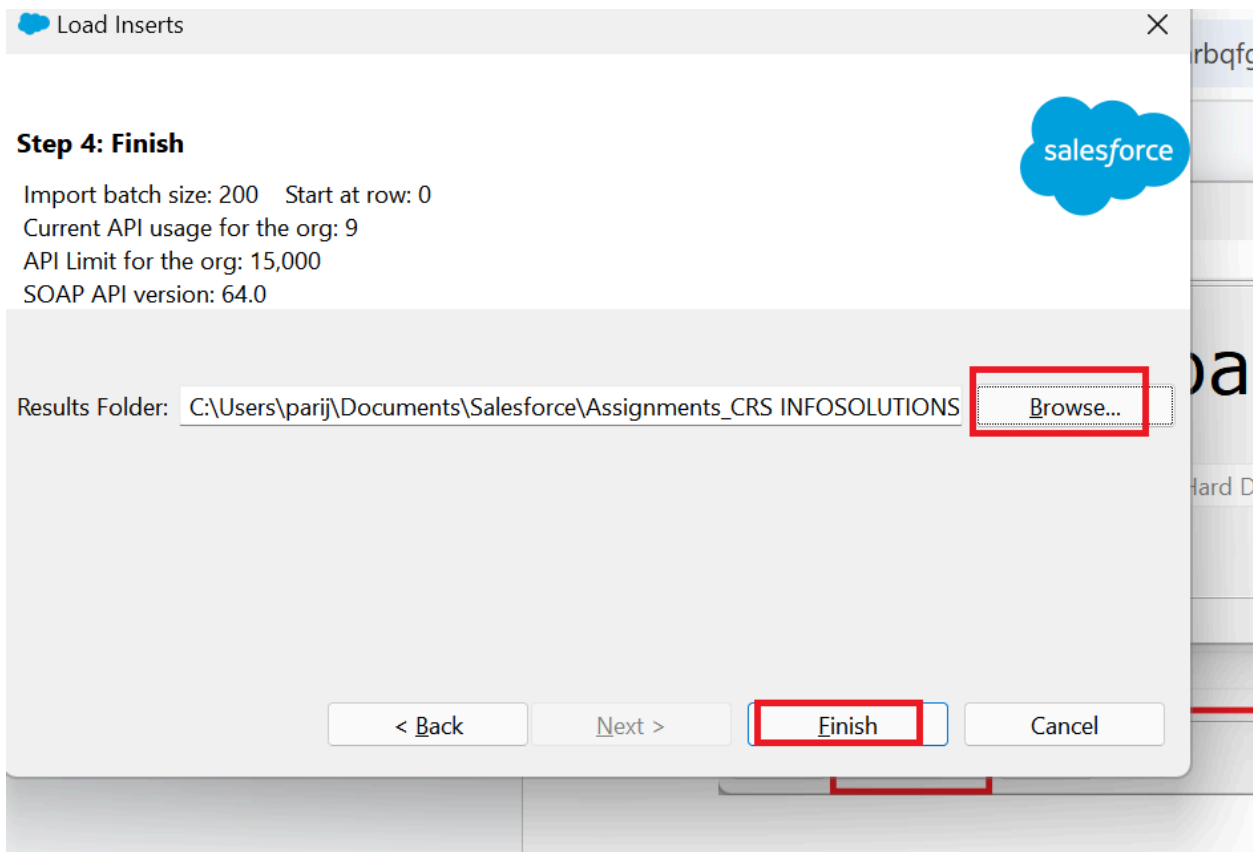
Drag the Salesforce object fields down to the column mapping.
To remove a mapping, select a row and click Delete key on the keyboard.







CSV Column Header	Field Name/Relationship
Name	Name
Price__c	Price__c
Type__c	Type__c


OK

Save Mapping

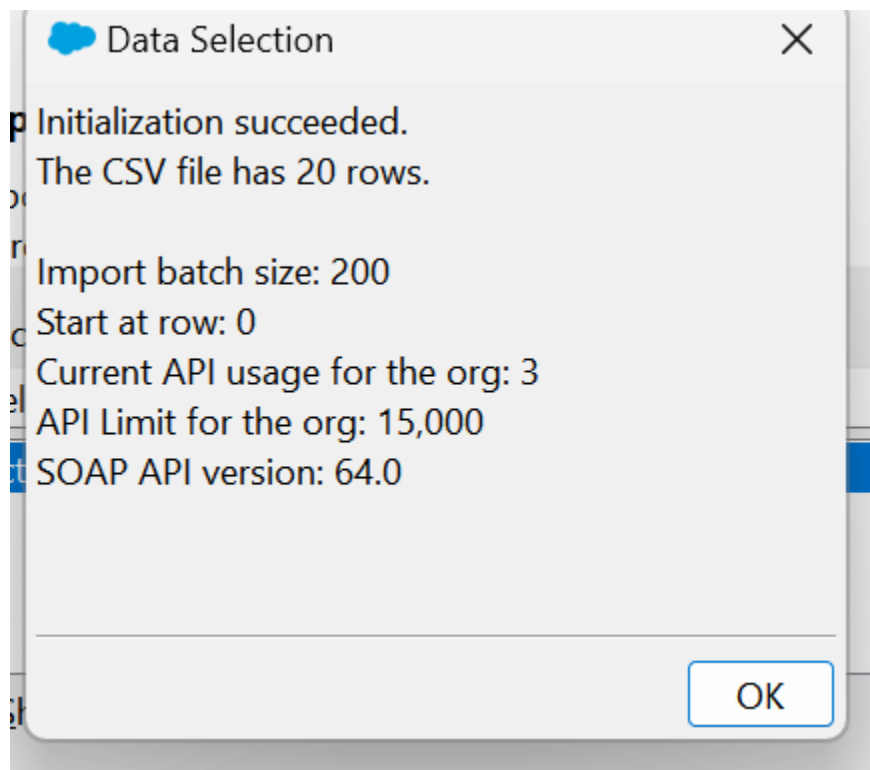
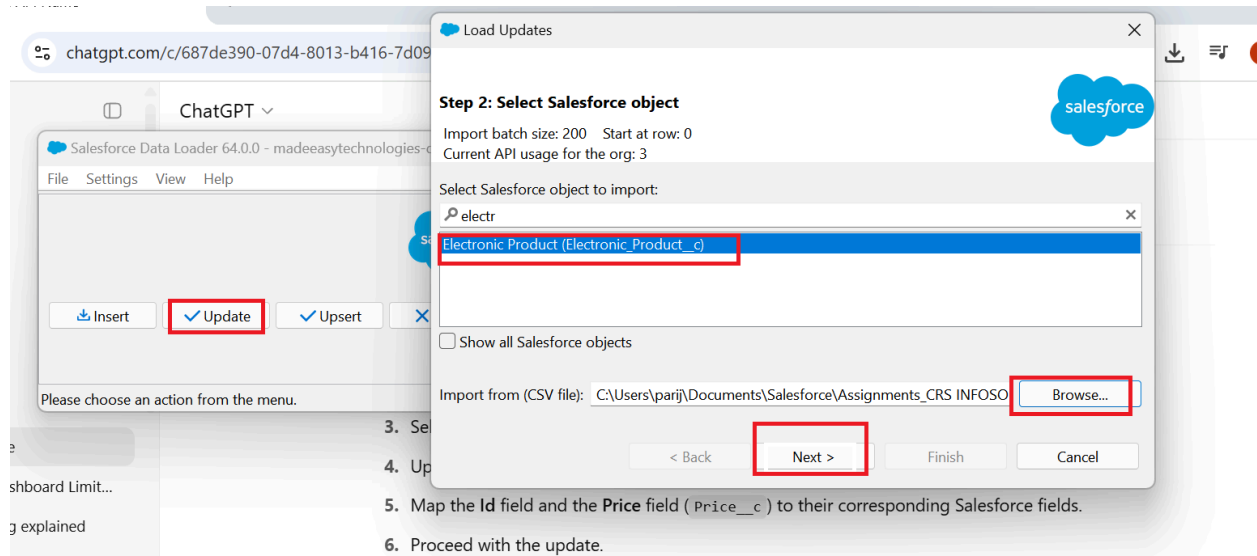
Cancel

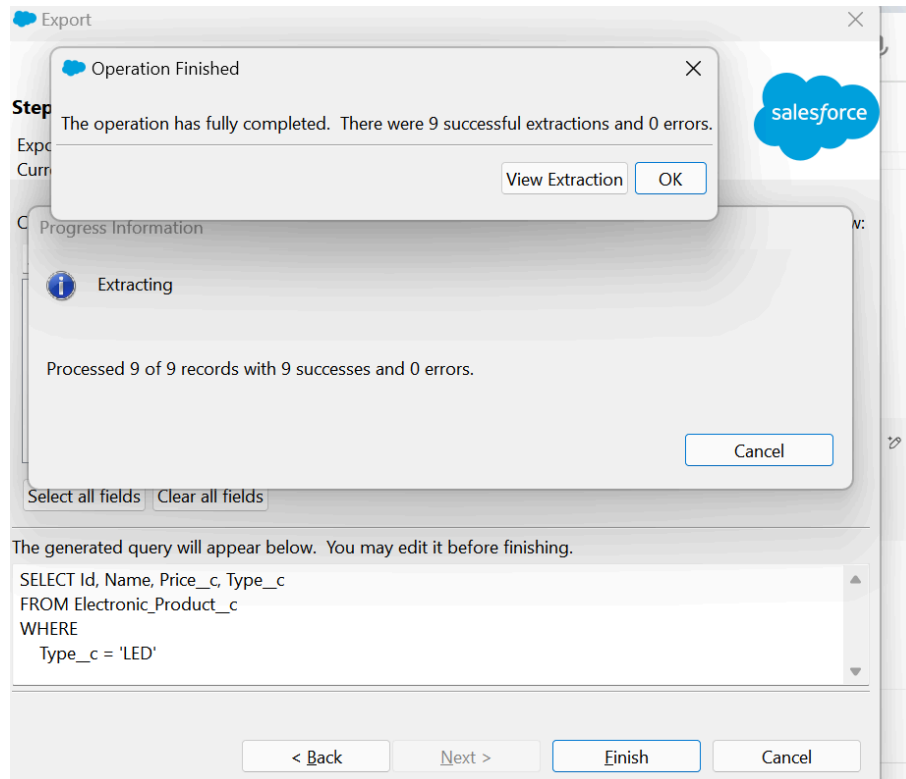


-  Data from Oracle_from client
-  error072125011654760
-  Export active files_backup
-  Exportall active and inactive records_backup
-  success072125011654760
-  Updated Client file

<div>  SIGN IN TO OFFICE It looks like your stored credentials are out of date. </div>						
<div> <div>A1</div> <div> <div>✕</div> <div>✓</div> <div>fx</div> </div> <div>ID</div> </div>						
	A	B	C	D	E	F
1	ID	Name	Price__c	Type__c	STATUS	
2	a0Baj0000	abc	1200	AC	Item Created	
3	a0Baj0000	def	1500	AC	Item Created	
4	a0Baj0000	ghi	600	LED	Item Created	
5	a0Baj0000	jkl	1800	Mobile	Item Created	
6	a0Baj0000	mno	2000	Mobile	Item Created	
7						
8						

4. Update the records price in electronic products to 20% increase

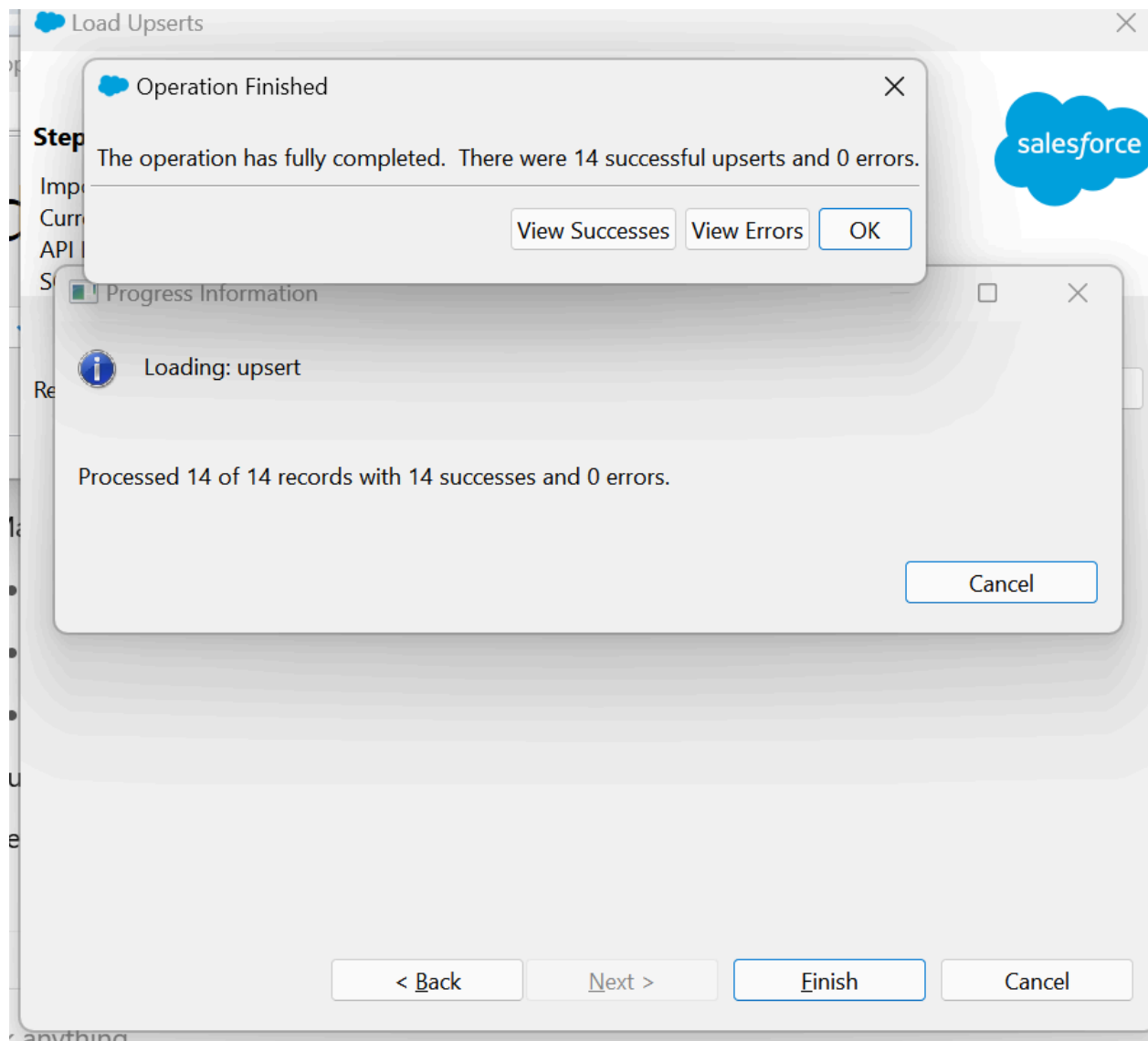
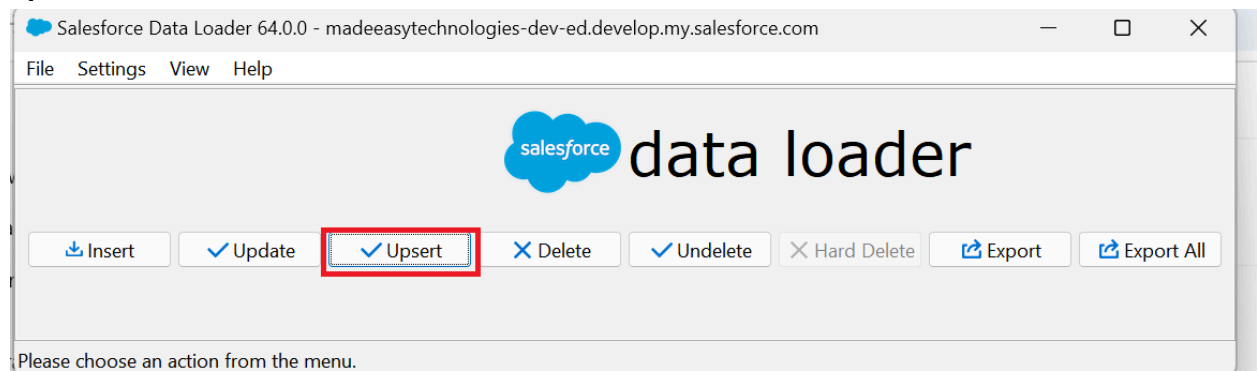




Modified price with 5% reduce and added 5 more Samsung LED sets

	A	B	C	D	E	F
1	Id	Name	Price__c	Type__c		
2	a0Baj0000	fridgedare	798	LED		
3	a0Baj0000	Sony	2280	LED		
4	a0Baj0000	Toshiba	3420	LED		
5	a0Baj0000	hitachi	1938	LED		
6	a0Baj0000	Nexus	2280	LED		
7	a0Baj0000	Hisense	1824	LED		
8	a0Baj0000	Samsung	228	LED		
9	a0Baj0000	ghi	570	LED		
10	a0Baj0000	ghi	570	LED		
11		Samsung	470	LED		
12		Samsung	370	LED		
13		Samsung	270	LED		
14		Samsung	1470	LED		
15		Samsung	2470	LED		
16						
17						
18						
19						
20						
21						

Update and Insert data



Paste

Clipboard

Font

Alignment

\$

SIGN IN TO OFFICE

It looks like your stored credentials are out of date. Please sign in with

A1								
	A	B	C	D	E	F	G	H
1	ID	Id	Name	Price__c	Type__c	STATUS		
2	a0Baj0000	a0Baj0000	fridgedare	798	LED	Item Updated		
3	a0Baj0000	a0Baj0000	Sony	2280	LED	Item Updated		
4	a0Baj0000	a0Baj0000	Toshiba	3420	LED	Item Updated		
5	a0Baj0000	a0Baj0000	hitachi	1938	LED	Item Updated		
6	a0Baj0000	a0Baj0000	Nexus	2280	LED	Item Updated		
7	a0Baj0000	a0Baj0000	Hisense	1824	LED	Item Updated		
8	a0Baj0000	a0Baj0000	Samsung	228	LED	Item Updated		
9	a0Baj0000	a0Baj0000	ghi	570	LED	Item Updated		
10	a0Baj0000	a0Baj0000	ghi	570	LED	Item Updated		
11	a0Baj0000	a0Baj0000	Samsung	470	LED	Item Created		
12	a0Baj0000	a0Baj0000	Samsung	370	LED	Item Created		
13	a0Baj0000	a0Baj0000	Samsung	270	LED	Item Created		
14	a0Baj0000	a0Baj0000	Samsung	1470	LED	Item Created		
15	a0Baj0000	a0Baj0000	Samsung	2470	LED	Item Created		
16								
17								

Indeed.com

Home

Reports

Indeeds

Indeed prj forms

Chatter

Dashboards

Computers

Electronic Products

Electronic Products

Type LED electronic product

New

Import

Change Owner

Printable View

Assign Label

14 Items • Sorted by Name • Filtered by Type • Updated a few seconds ago

Name ↑

1

fridgedare

2

ghi

3

ghi

4

Hisense

5

hitachi

6

Nexus

7

Samsung

8

Samsung

9

Samsung

10

Samsung

11

Samsung

12

Samsung

13

Sony

14

Toshiba

Filters

Filter by Owner

My electronic products

Matching all of these filters

Type equals LED

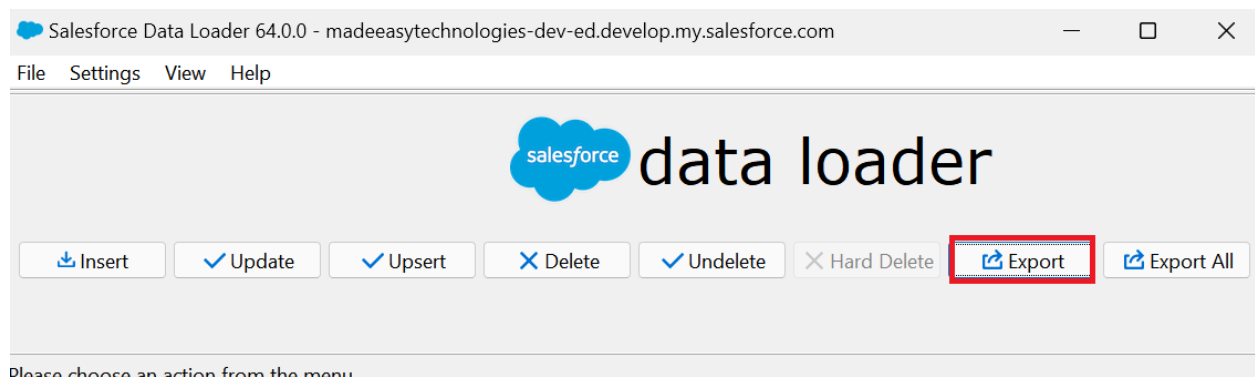
Add Filter

Remove All

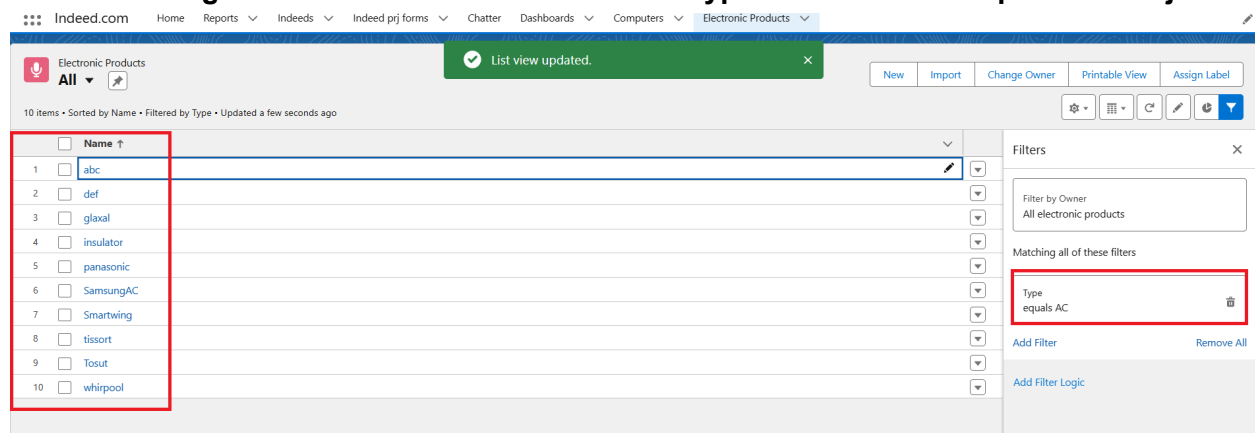
Add Filter Logic

6. Delete all AC records

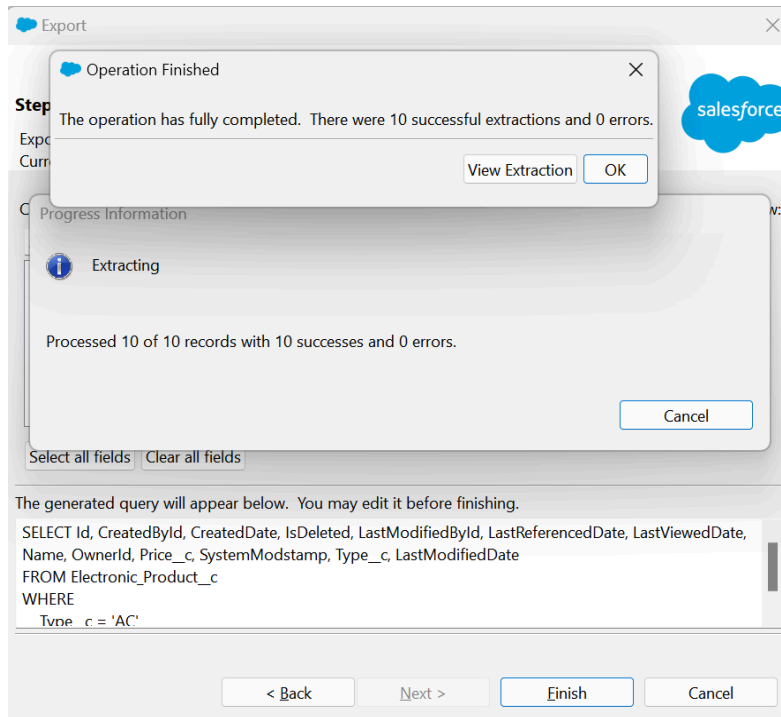
Export file for backup



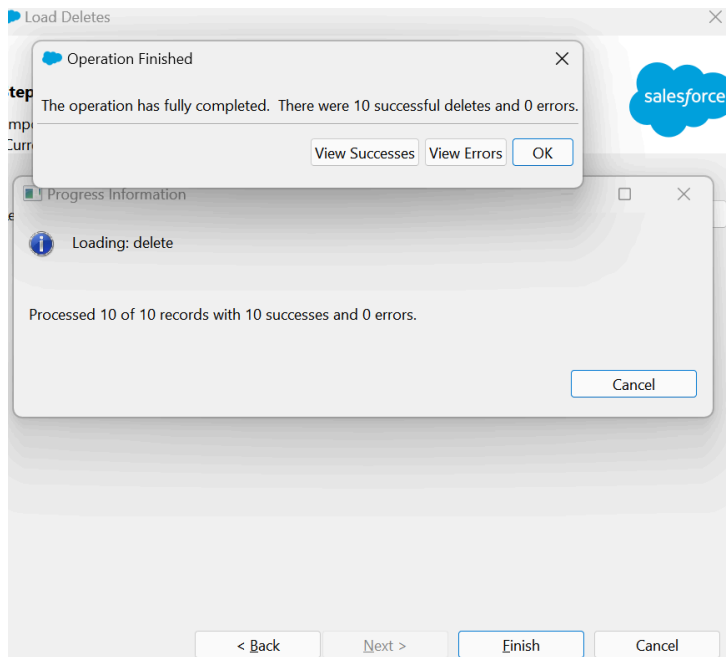
Before deleting records we have 10 records with Type AC in Electronic products object



10 records extracted



10 records deleted



SIGN IN TO OFFICE It looks like your stored credentials are out of date. Please sign in							
ID							
	A	B	C	D	E	F	G
1	ID	Id	Name	Price_c	Type_c	STATUS	
2	a0Baj0000	a0Baj0000	Tosut	1800	AC	Item Deleted	
3	a0Baj0000	a0Baj0000	tissort	3600	AC	Item Deleted	
4	a0Baj0000	a0Baj0000	insulator	1800	AC	Item Deleted	
5	a0Baj0000	a0Baj0000	whirpool	240	AC	Item Deleted	
6	a0Baj0000	a0Baj0000	SamsungA	1400	AC	Item Deleted	
7	a0Baj0000	a0Baj0000	glaxal	2040	AC	Item Deleted	
8	a0Baj0000	a0Baj0000	Smartwing	1800	AC	Item Deleted	
9	a0Baj0000	a0Baj0000	panasonic	3000	AC	Item Deleted	
10	a0Baj0000	a0Baj0000	abc	1200	AC	Item Deleted	
11	a0Baj0000	a0Baj0000	def	1500	AC	Item Deleted	
12							
13							
14							
15							
16							
17							
18							
19							
20							
success072125043939876							

Indeed.com				Home	Reports	Indeeds	Indeed prj forms	Chatter	Dashboards	Computers	Electronic Products	* My Recycle Bin Recycle Bin	* Parijatha Kai
Recycle Bin													
My Recycle Bin													
10 items • Sorted by Deleted Date • Filtered by My recycle bin • Updated a few seconds ago													
	<input type="checkbox"/>	Record Name		Type		Deleted By		Deleted Date					
1	<input type="checkbox"/>	panasonic		Electronic Product		Parijatha Kamuni		2025-07-21, 6:39 p.m.					
2	<input type="checkbox"/>	Smartwing		Electronic Product		Parijatha Kamuni		2025-07-21, 6:39 p.m.					
3	<input type="checkbox"/>	glaxal		Electronic Product		Parijatha Kamuni		2025-07-21, 6:39 p.m.					
4	<input type="checkbox"/>	SamsungAC		Electronic Product		Parijatha Kamuni		2025-07-21, 6:39 p.m.					
5	<input type="checkbox"/>	whirpool		Electronic Product		Parijatha Kamuni		2025-07-21, 6:39 p.m.					
6	<input type="checkbox"/>	insulator		Electronic Product		Parijatha Kamuni		2025-07-21, 6:39 p.m.					
7	<input type="checkbox"/>	tissort		Electronic Product		Parijatha Kamuni		2025-07-21, 6:39 p.m.					
8	<input type="checkbox"/>	Tosut		Electronic Product		Parijatha Kamuni		2025-07-21, 6:39 p.m.					
9	<input type="checkbox"/>	amajksdkj		Electronic Product		Parijatha Kamuni		2025-07-21, 1:52 a.m.					
10	<input type="checkbox"/>	visala		Electronic Product		Parijatha Kamuni		2025-07-21, 1:52 a.m.					