



# DataTable Component

## Functional Specifications Document

Intutiveminds

## Version History

Version	Released Date	Description Of Change	Author
1.0	19 June 2024	Datatable component first version release	Intutiveminds
1.1	29 July 2024	Inline Editing In DynamicDataTable	Intutiveminds
1.2	20 Feb 2025	Export Functionality & Inline Editing for Related Object in DynamicDataTable	Intutiveminds
1.3	19 June 2025	Dynamic Selection of Data Source in User Interface	Intutiveminds

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## Overview

The DynamicDataTable component is a versatile Lightning Web Component designed for Salesforce. It is intended to display data from various sources, provide comprehensive data manipulation capabilities, and enhance user interaction through customizable features.

This functional document outlines the requirements for displaying data from various sources including JSON, SOQL, and FlowRecords within a Salesforce application. It highlights the need for efficient parsing, binding, error handling, and performance optimization to ensure a seamless and user-friendly data display experience. By adhering to these requirements, the application can effectively manage and present data from diverse sources, enhancing overall functionality and user satisfaction.

## Functional Requirements

This document outlines the functional requirements for the Data Display feature, focusing on how data is sourced and displayed in a Salesforce application. The data can come from various sources including JSON, SOQL (Salesforce Object Query Language), and FlowRecords. Each data source has specific requirements and handling procedures to ensure the data is correctly retrieved and displayed within the application.

## Data Sources

- 1- JSON
- 2- SOQL
- 3- FlowRecords

### JSON

**(JavaScript Object Notation) is a lightweight data-interchange format.**

**A sample JSON that can be rendered using this DynamicDataTable looks as under:**

```
[  
  {  
    "SNo": 1,  
    "name": "Bob",  
    "age": 25,  
    "Number": 2587463254,  
    "Manual": "5003",  
    "description": "Age in years which must be equal to or greater than zero.",  
    "Value": "False",  
    "location": "Ocean",  
    "followers": 987,  
    "URL": "https://www.digitalocean.com/community/tutorials"  
  }  
]
```

## SOQL

(Salesforce Object Query Language) is a query language used to search Salesforce data.

A sample SOQL that can be rendered using this DynamicDataTable looks as under.

```
SELECT Id, Name, Description, AccountNumber, AccountSource, AnnualRevenue, CreatedById FROM Account
```

## FlowRecords

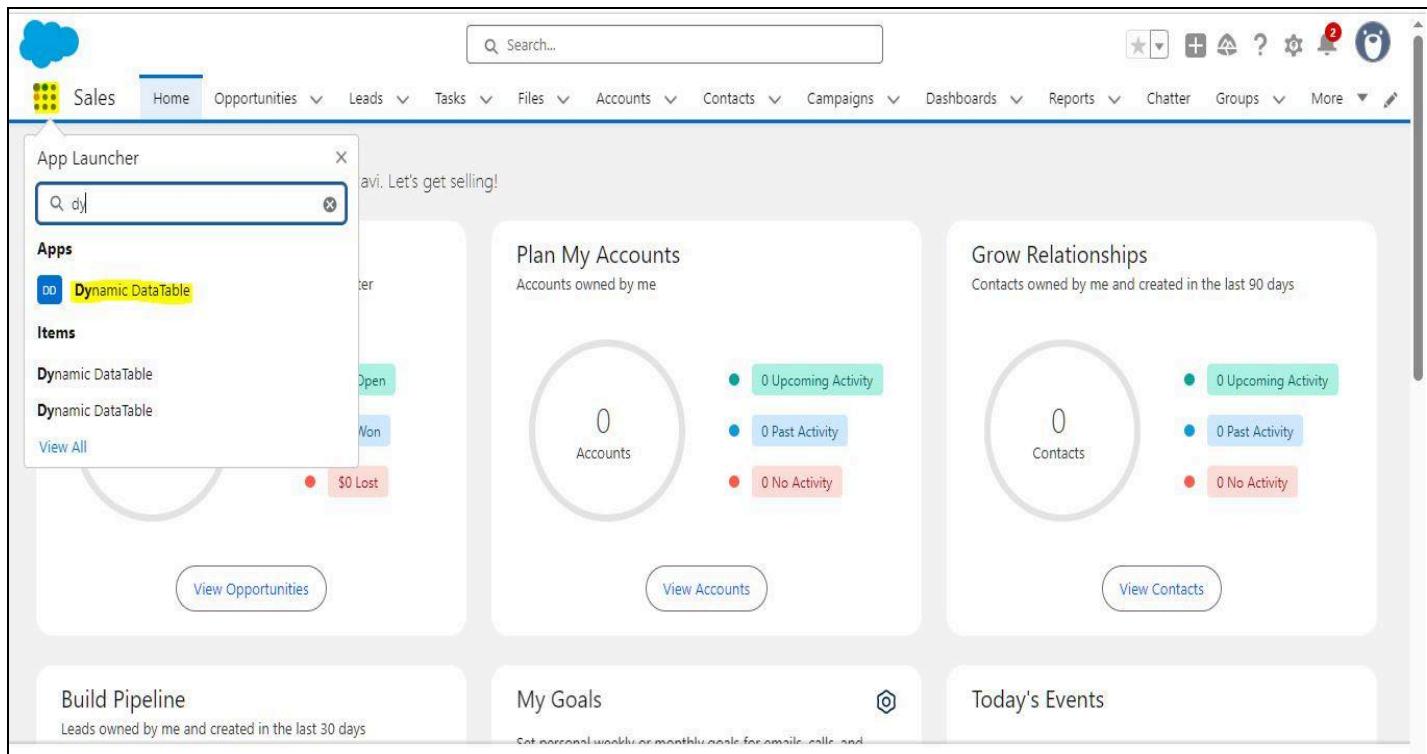
Refers to data retrieved or manipulated through Salesforce Flows, which are automated processes in Salesforce. Integrate with Salesforce Flows to retrieve and display data. Ensure seamless execution of flows and data retrieval.

## Dynamic DataTable Component Visibility

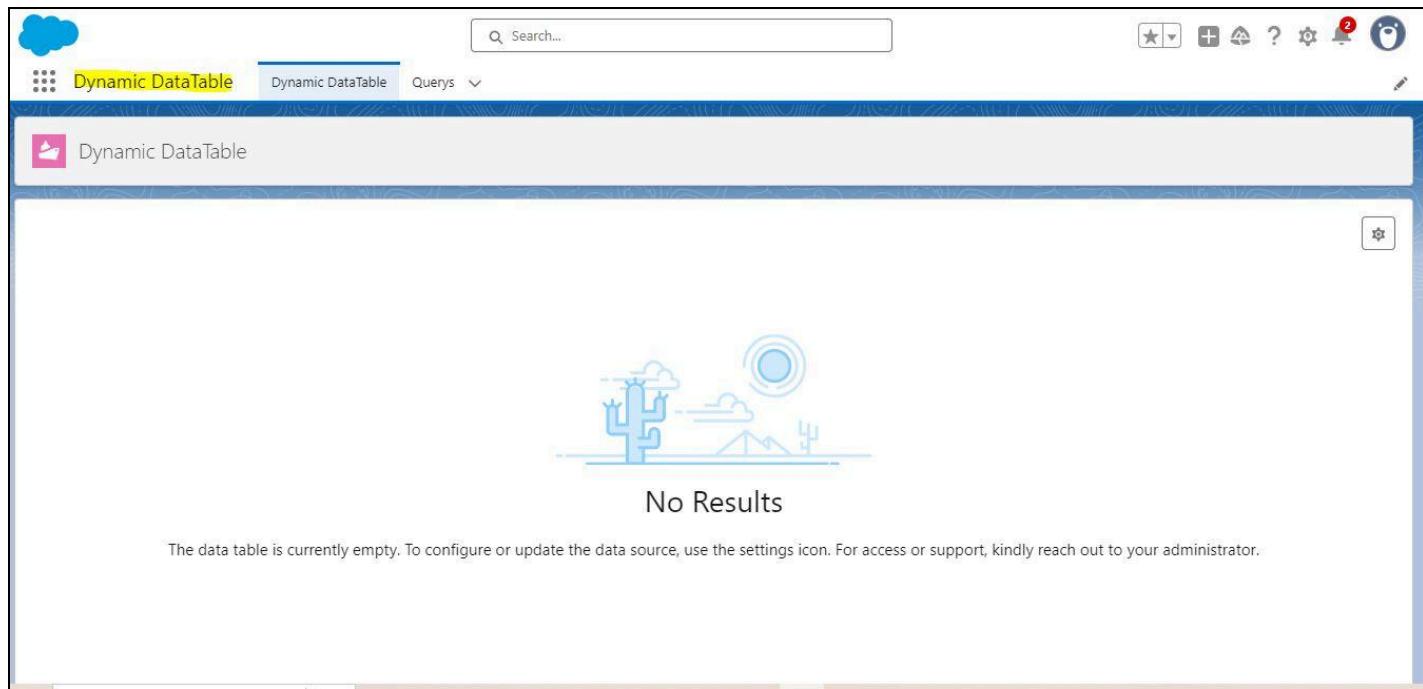
After deploying the **Dynamic Data Table** component to the Salesforce org, navigate to the **App Launcher** and search for the Dynamic Data Table component. Select and open it.

**Note:** If the **Dynamic Data Table** component is not visible in the App Launcher, ensure that:

- The **Permission Set** has been assigned to the user.
- You review the **Post-Deployment Steps** section in the **deployment document** for additional configuration or visibility steps.



The User Interface of the **Dynamic Data Table** will appear as shown below.



DynamicDataTable component shows data considering the permission applicable to the logged-in user. The records in the DynamicDataTable follow the security model and would display records based on the logged-in users permissions. **System Administrators** have the permission to access and use the component and app.

When a logged-in user has permissions to view all the data. This could be an Admin or any other user with said permissions. Enhanced **Settings Menu** for configuring data sources and managing table properties.

Above or near the top right corner of the table, the **Settings icon** (⚙️) is prominently visible.

## Settings Icon Behavior

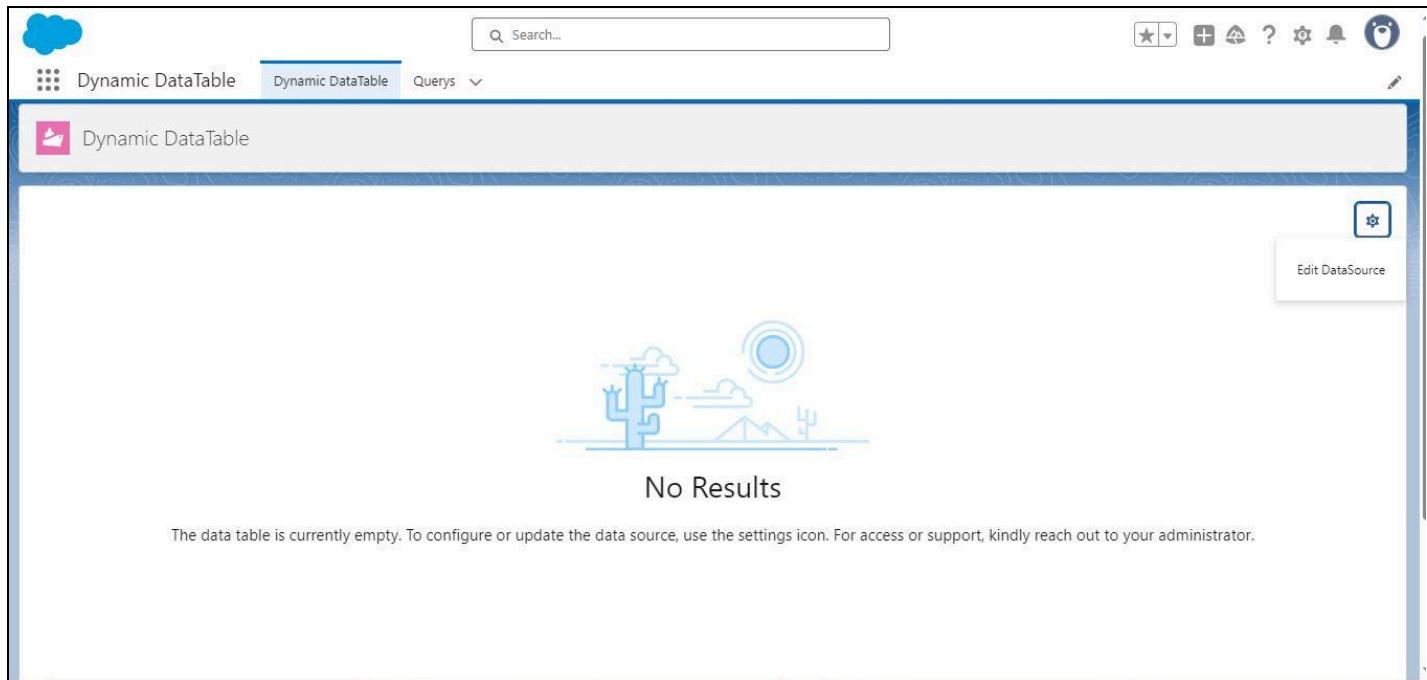
### Visibility

- The **Settings icon** is positioned on the **top-right** corner of the Dynamic Data Table interface.
- It is visible immediately upon page load without requiring any additional user interaction.

### Interaction

- When the **Settings icon** is clicked, a dropdown menu appears.
- This menu contains configuration options for the Dynamic Data Table.

When we click on the settings icon, the edit data source opens. This can be seen in the image provided below.



## Edit Data Source Panel

### Opening the Panel

- Selecting Edit Data Source from the settings dropdown opens a panel or modal.
- This panel provides configuration options to modify the source of the data powering the table.

### Data Source Selection

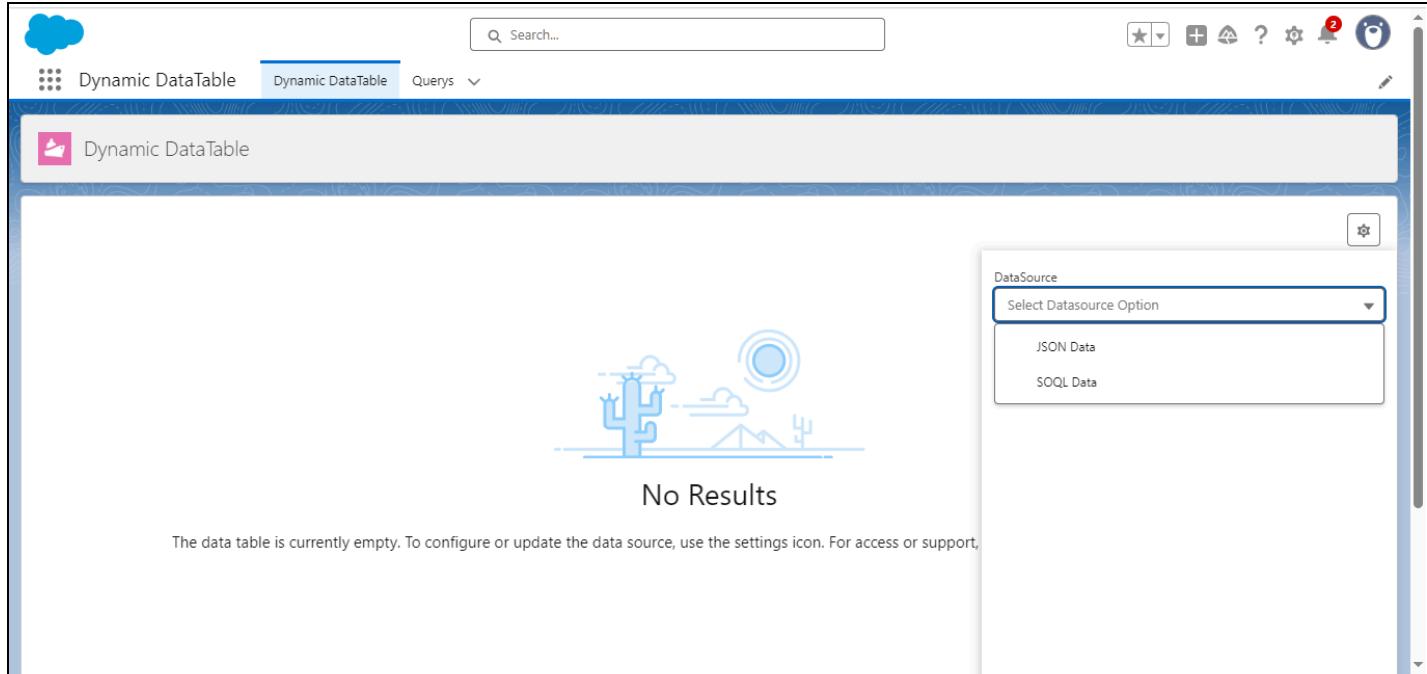
- The panel allows users to define or update a SOQL / JSON (Salesforce Object Query Language) query.
- A valid SOQL / JSON query is required to retrieve / display the data from Salesforce objects.
- When tabs are switched or the page is refreshed, the data table is updated and the selected data persists **only within the Dynamic DataTable app's designated page**, remaining available until the user logs out.

### Summary of Features

Feature	Description
Settings Icon	Always visible on page load at the top-right
Settings Menu	Opens on click, with configuration options
Edit Data Source	Opens a panel to enter and manage SOQL queries
Data Display	Table updates with real-time Salesforce data based on the query

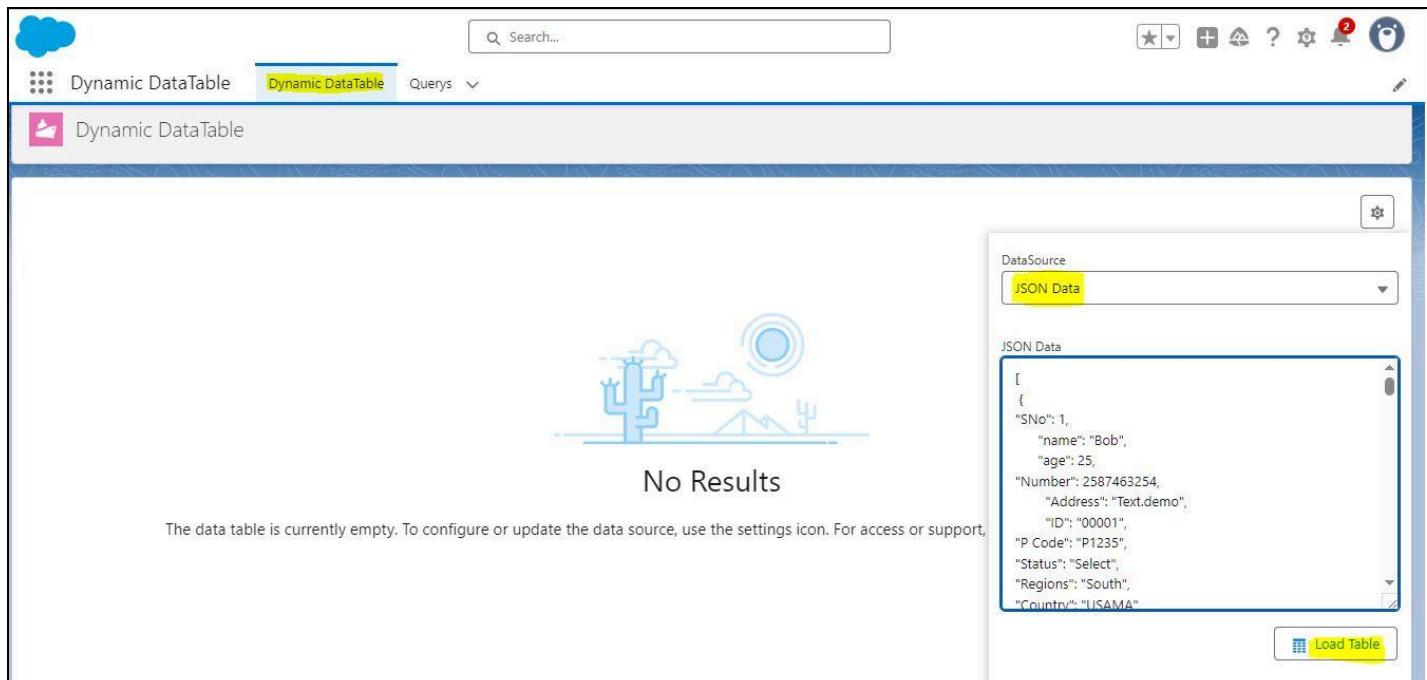
## Using JSON Data

From the settings icon, select the JSON data option from the Data Source dropdown menu.



The screenshot shows the 'Dynamic DataTable' interface. At the top, there's a navigation bar with icons for cloud, 'Dynamic DataTable', 'Queries', and a search bar. On the right side of the header is a settings icon. A context menu is open over the main content area, specifically over the 'DataSource' section. The menu has a dropdown labeled 'Select Datasource Option' with two options: 'JSON Data' and 'SOQL Data'. The 'JSON Data' option is highlighted.

After selecting a JSON data source, insert a valid JSON data and click the "Load Table" button.

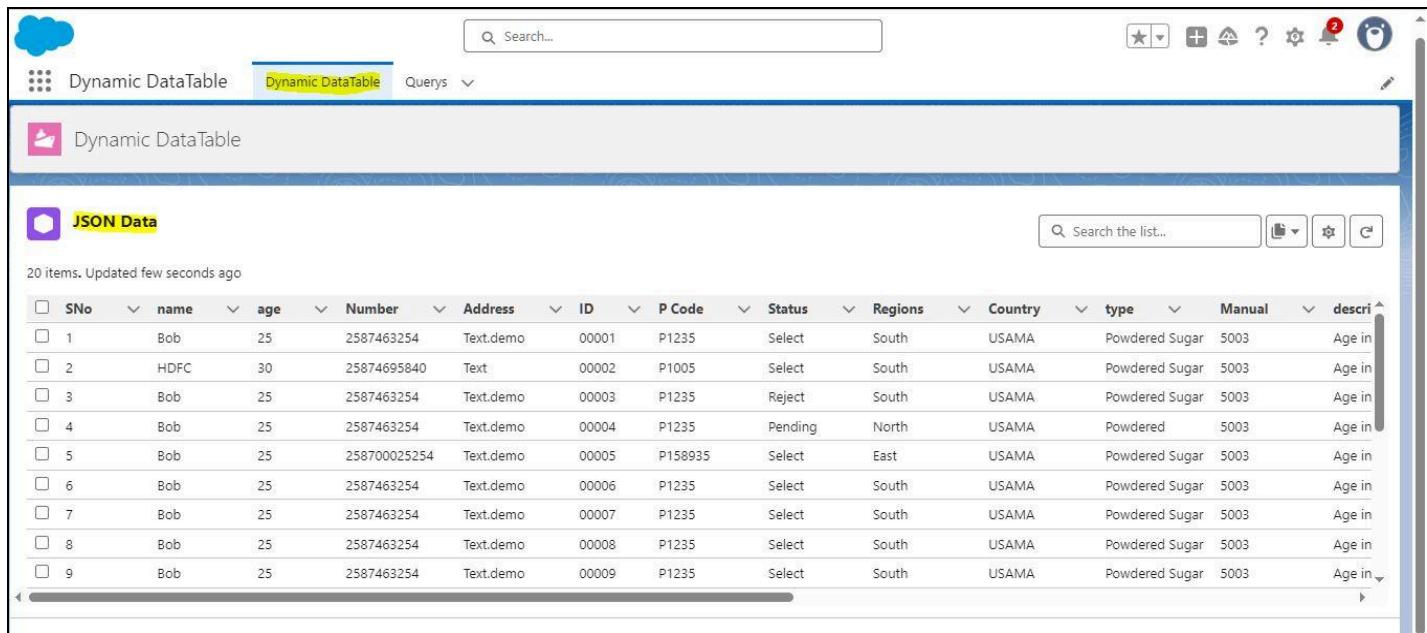


The screenshot shows the 'Dynamic DataTable' interface after selecting 'JSON Data' as the data source. The 'DataSource' dropdown now shows 'JSON Data' as selected. Below it, a JSON data panel displays the following JSON array:

```
[{"SNo": 1, "name": "Bob", "age": 25, "Number": 2587463254, "Address": "Text.demo", "ID": "00001", "P Code": "P1235", "Status": "Select", "Regions": "South", "Country": "USA"}]
```

At the bottom right of the JSON panel is a 'Load Table' button, which is highlighted with a yellow box.

The rendered JSON data table is displayed as shown below

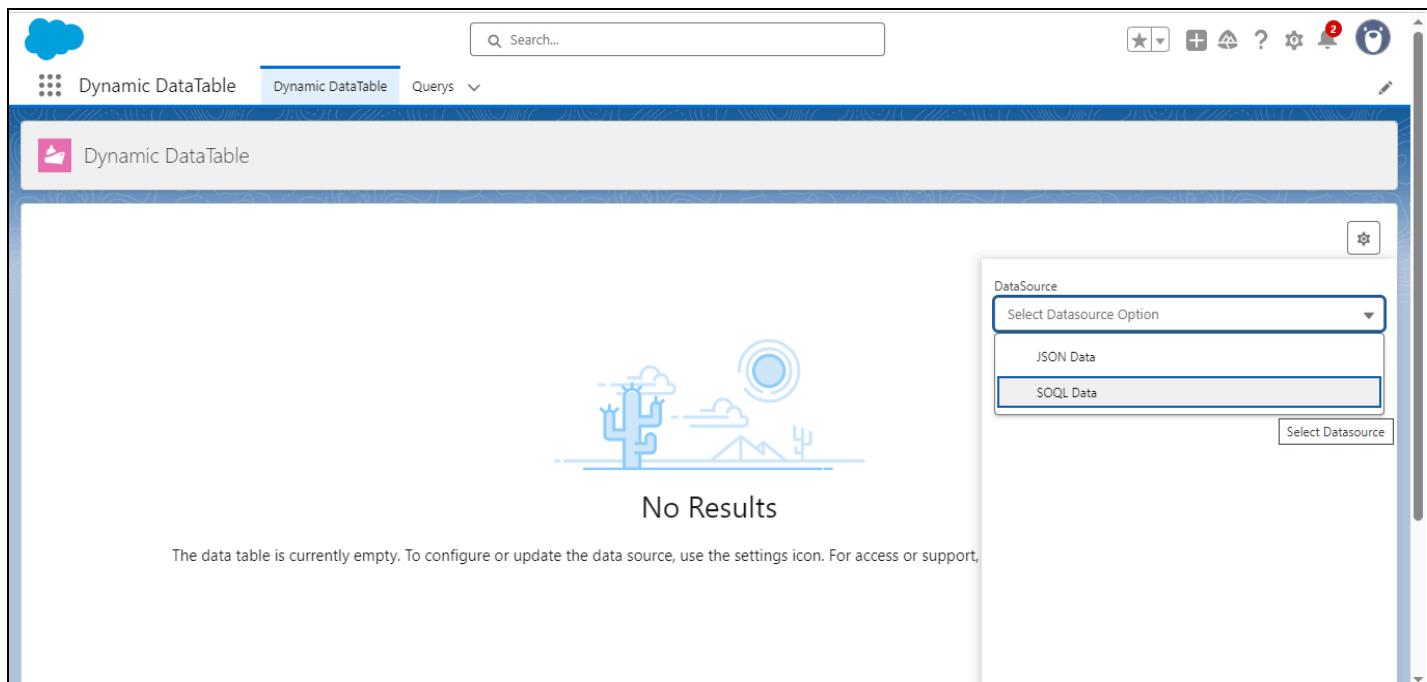


This screenshot shows the Dynamic DataTable component in a Salesforce interface. The title bar includes the Salesforce logo, the component name "Dynamic DataTable", and a "Dynamic DataTable" tab. Below the title bar, there's a search bar and a toolbar with various icons. The main area displays a table titled "JSON Data" with 20 items updated recently. The table has columns for SNo, name, age, Number, Address, ID, P Code, Status, Regions, Country, type, Manual, and descri. The data shows entries for Bob and HDFC across different regions and statuses.

SNo	name	age	Number	Address	ID	P Code	Status	Regions	Country	type	Manual	descri
1	Bob	25	2587463254	Text.demo	00001	P1235	Select	South	USAMA	Powdered Sugar	5003	Age in
2	HDFC	30	25874695840	Text	00002	P1005	Select	South	USAMA	Powdered Sugar	5003	Age in
3	Bob	25	2587463254	Text.demo	00003	P1235	Reject	South	USAMA	Powdered Sugar	5003	Age in
4	Bob	25	2587463254	Text.demo	00004	P1235	Pending	North	USAMA	Powdered	5003	Age in
5	Bob	25	258700025254	Text.demo	00005	P158935	Select	East	USAMA	Powdered Sugar	5003	Age in
6	Bob	25	2587463254	Text.demo	00006	P1235	Select	South	USAMA	Powdered Sugar	5003	Age in
7	Bob	25	2587463254	Text.demo	00007	P1235	Select	South	USAMA	Powdered Sugar	5003	Age in
8	Bob	25	2587463254	Text.demo	00008	P1235	Select	South	USAMA	Powdered Sugar	5003	Age in
9	Bob	25	2587463254	Text.demo	00009	P1235	Select	South	USAMA	Powdered Sugar	5003	Age in

## Using SOQL Queries

To utilize SOQL (Salesforce Object Query Language) in the [DynamicDataTable](#) component.



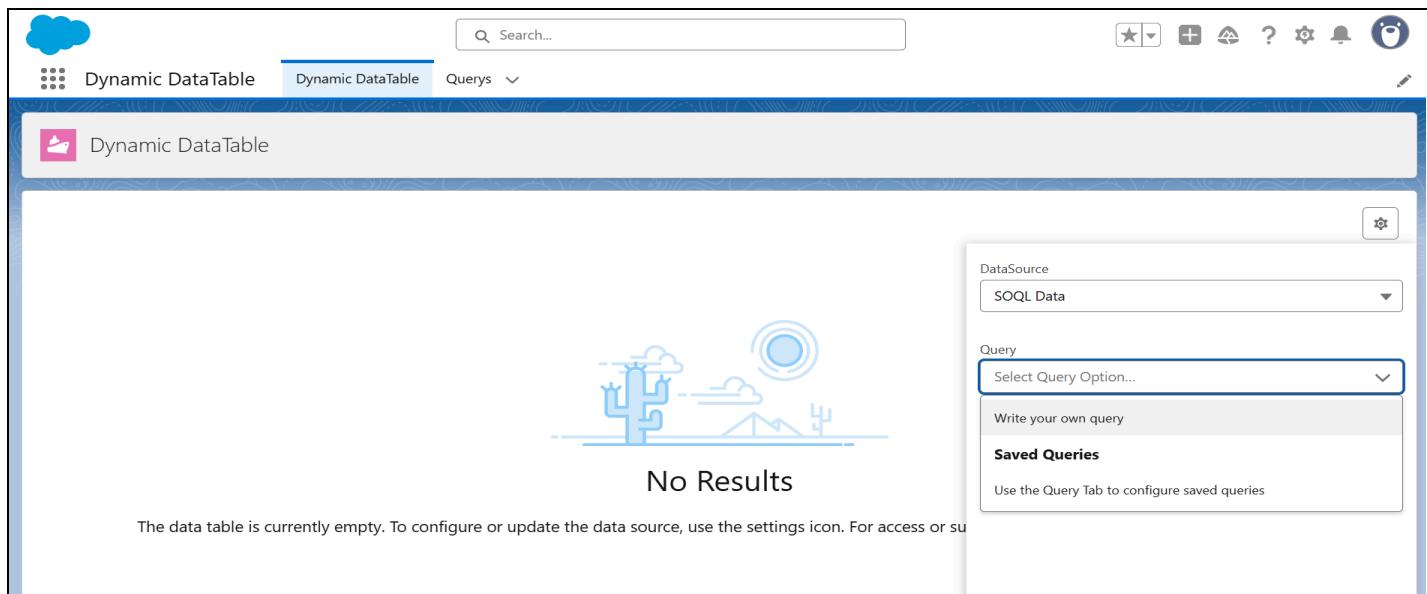
This screenshot shows the Dynamic DataTable component in a Salesforce interface, specifically the configuration or query editor view. The title bar includes the Salesforce logo, the component name "Dynamic DataTable", and a "Dynamic DataTable" tab. Below the title bar, there's a search bar and a toolbar with various icons. The main area displays a message "No Results" and a small decorative illustration of a cactus, sun, and clouds. On the right side, a sidebar titled "DataSource" is open, showing options for "Select Datasource Option" (with "JSON Data" and "SOQL Data" listed), and a "Select Datasource" button.

The [DynamicDataTable](#) component supports two options for utilizing SOQL queries:

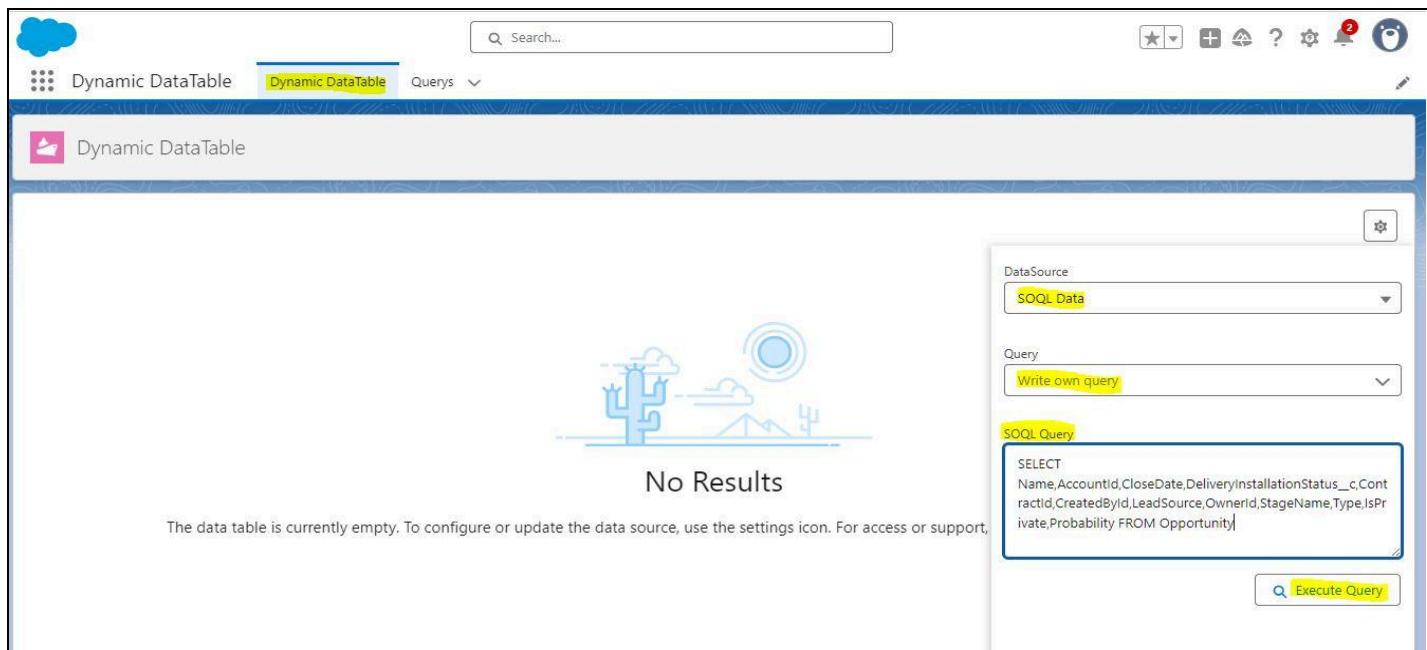
## 1- Write your own query

## 2- Saved Queries

**1- Write your own query:** Users can write their own SOQL queries to tailor the data retrieval process according to specific requirements. This option offers full flexibility to define custom filters, fields, and conditions.



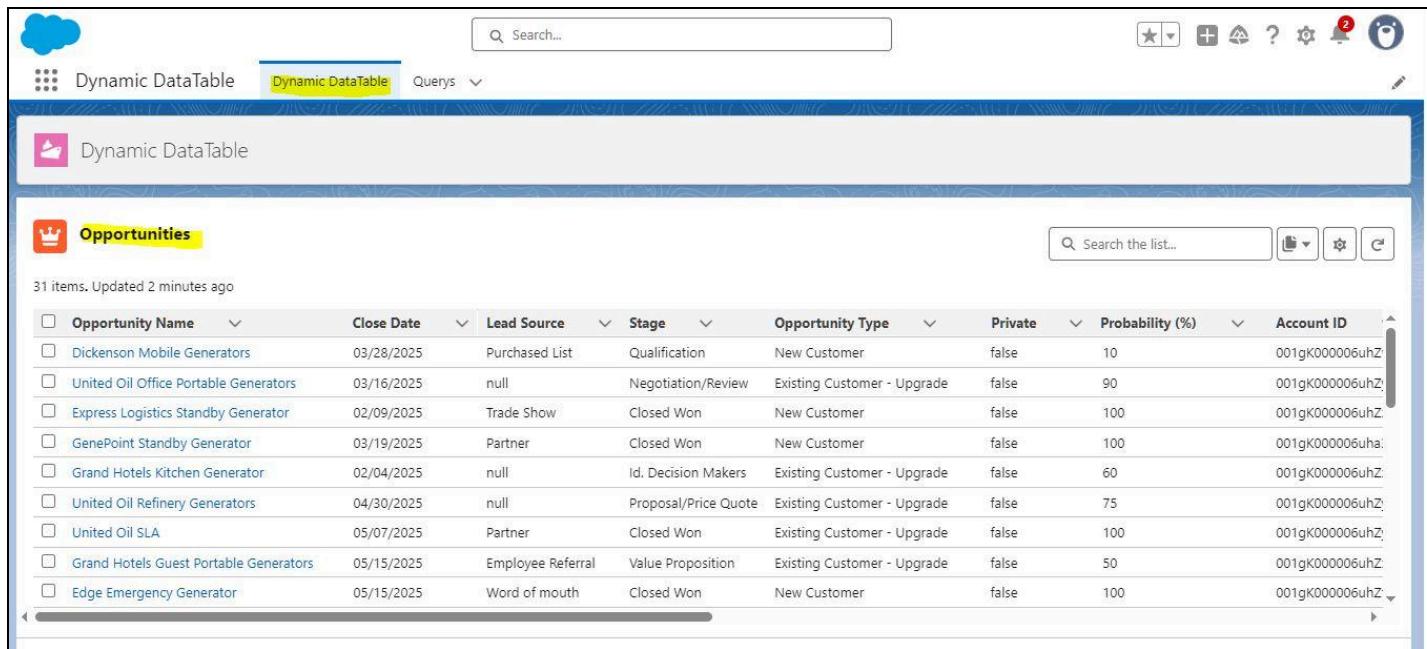
Enter a valid SOQL custom query and click the "Execute Query" button.



```

SELECT
    Name,AccountId,CloseDate,DeliveryInstallationStatus__c,ContractId,CreatedById,LeadSource,OwnerId,StageName,Type,IsPrivate,Probability
FROM Opportunity
  
```

When a custom SOQL query is written and the **Execute** button is clicked, the resulting data is retrieved and displayed below the query input field. This allows users to verify and analyze the output of their query in real-time.

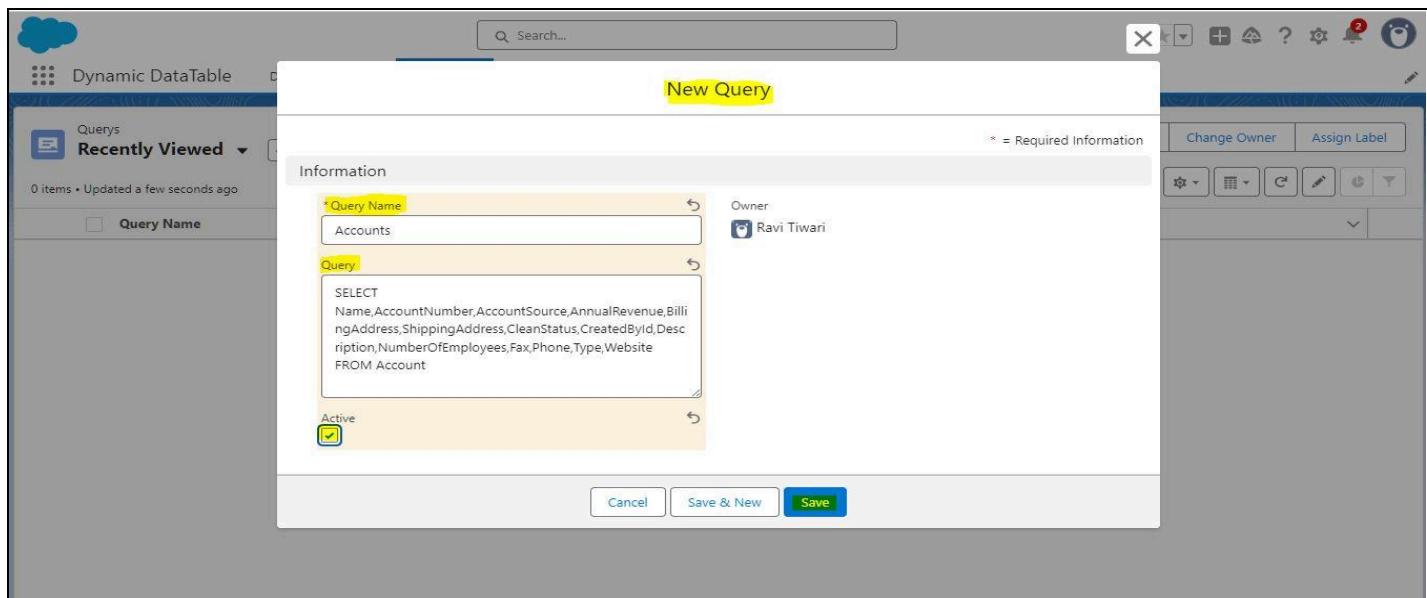


The screenshot shows a Salesforce page with the 'Dynamic DataTable' component. The title bar includes a cloud icon, a search bar, and various navigation buttons. The main area is titled 'Dynamic DataTable' and contains a sub-section titled 'Opportunities'. A message indicates '31 items. Updated 2 minutes ago'. Below this is a table with columns: Opportunity Name, Close Date, Lead Source, Stage, Opportunity Type, Private, Probability (%), and Account ID. The table lists 31 opportunities, such as 'Dickenson Mobile Generators' and 'Edge Emergency Generator', with details like close dates ranging from 03/19/2025 to 05/15/2025 and stages like 'Purchased List' and 'Word of mouth'.

**2- Saved Queries:** A predefined query is available for standard use cases.

## Saved Queries Execution in the Dynamic Data Component

When the DynamicDataTable is deployed to a Salesforce org, a custom object for queries is created. Users can save tailored queries with a custom name, generating a Saved Query for use.



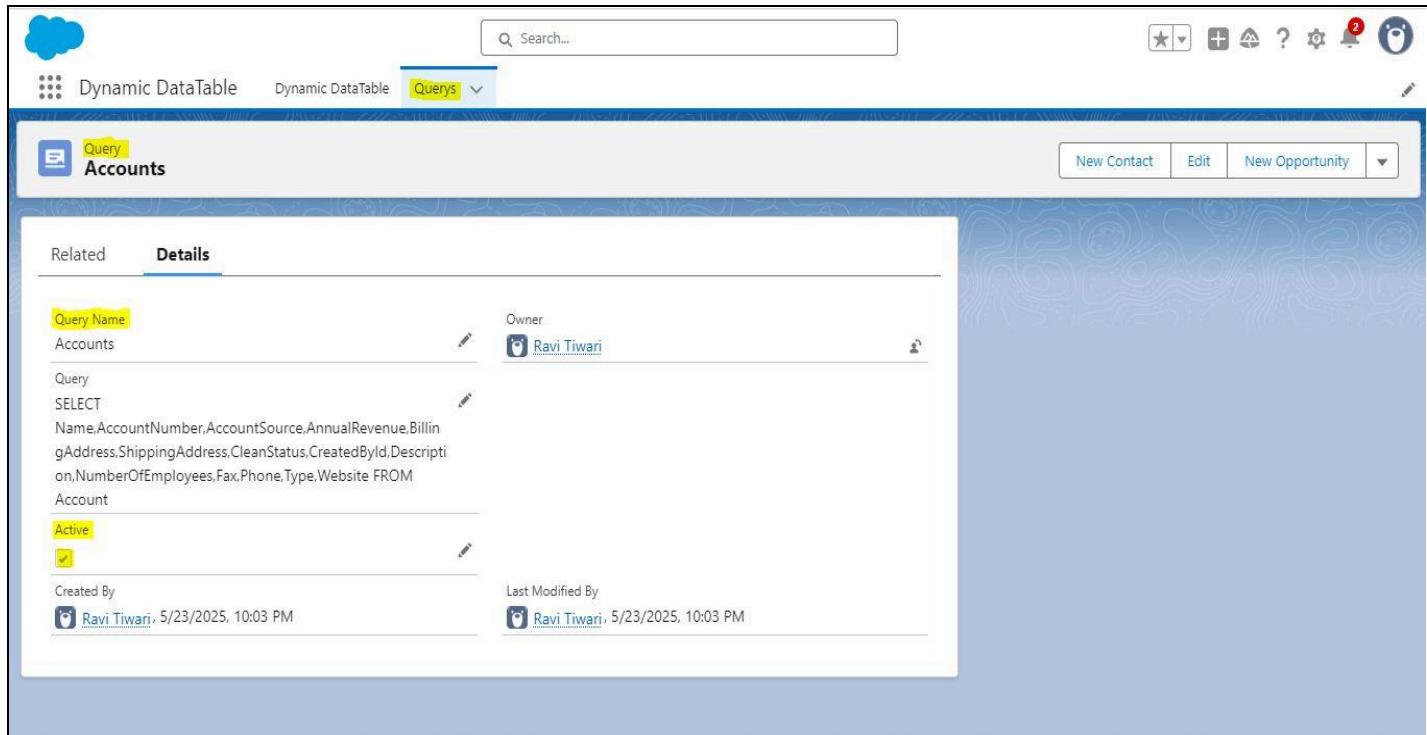
The screenshot shows a 'New Query' dialog box overlaid on a Salesforce page. The dialog has a header 'New Query' and a note '\* = Required Information'. It contains sections for 'Information' and 'Query'. In the 'Information' section, there is a field for 'Query Name' with 'Accounts' typed in, and an 'Owner' field set to 'Ravi Tiwari'. In the 'Query' section, the SOQL query is displayed:

```

SELECT
    Name, AccountNumber, AccountSource, AnnualRevenue, BillingAddress,
    ShippingAddress, CleanStatus, CreatedById, Description,
    NumberOfEmployees, Fax, Phone, Type, Website
FROM Account
  
```

Below the query, there is a checked checkbox labeled 'Active'. At the bottom of the dialog are 'Cancel', 'Save & New', and a highlighted 'Save' button.

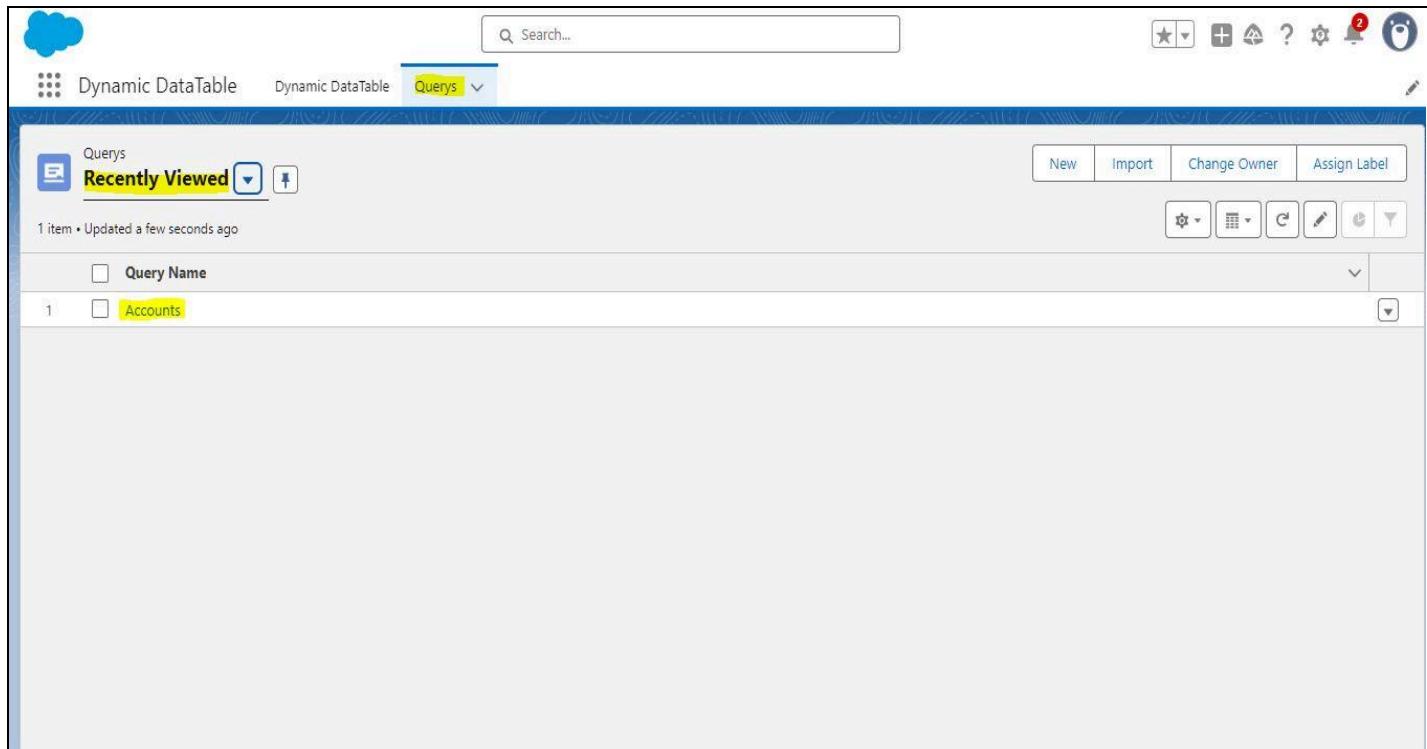
After generating the Query record, the Query Details View page of the custom object is displayed as shown below.



The screenshot shows the 'Query Details View' page for a custom object named 'Accounts'. The 'Details' tab is selected. Key fields visible include:

- Query Name:** Accounts
- Owner:** Ravi Tiwari
- Query:** SELECT Name, AccountNumber, AccountSource, AnnualRevenue, BillingAddress, ShippingAddress, CleanStatus, CreatedById, Description, NumberOfEmployees, Fax, Phone, Type, Website FROM Account
- Active:** Checked
- Created By:** Ravi Tiwari, 5/23/2025, 10:03 PM
- Last Modified By:** Ravi Tiwari, 5/23/2025, 10:03 PM

After generating the Query record, the List View page appears as shown below.



The screenshot shows the 'Query List View' page. The 'Recently Viewed' section displays one item:

- 1 item • Updated a few seconds ago
- 1  **Query Name**
- 1  Accounts

## Note on Saved Queries Visibility

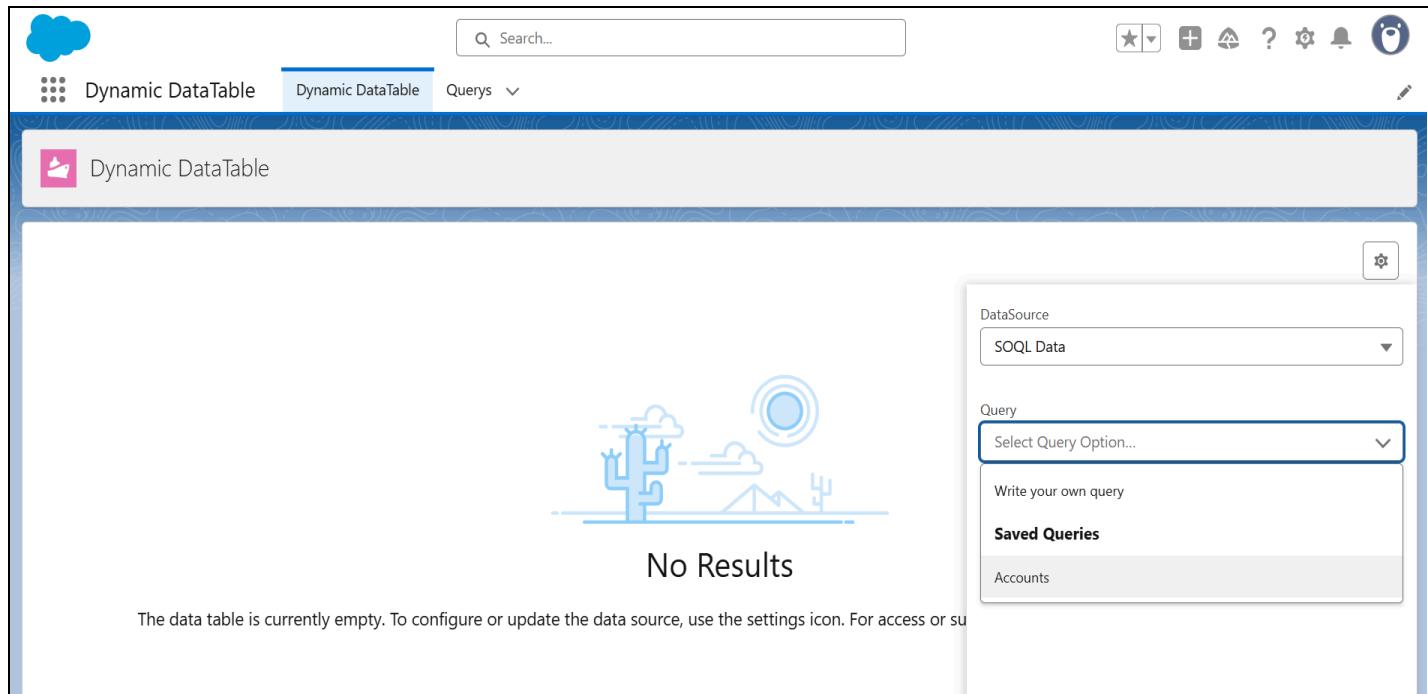
The **Saved Queries** will only be displayed if the **Active** checkbox field in the custom object for queries is selected. If the **Active** checkbox is not enabled, the **Saved Queries** will not be available in the data source for selection or execution.

## Executing a Saved Queries in the Dynamic Data Component

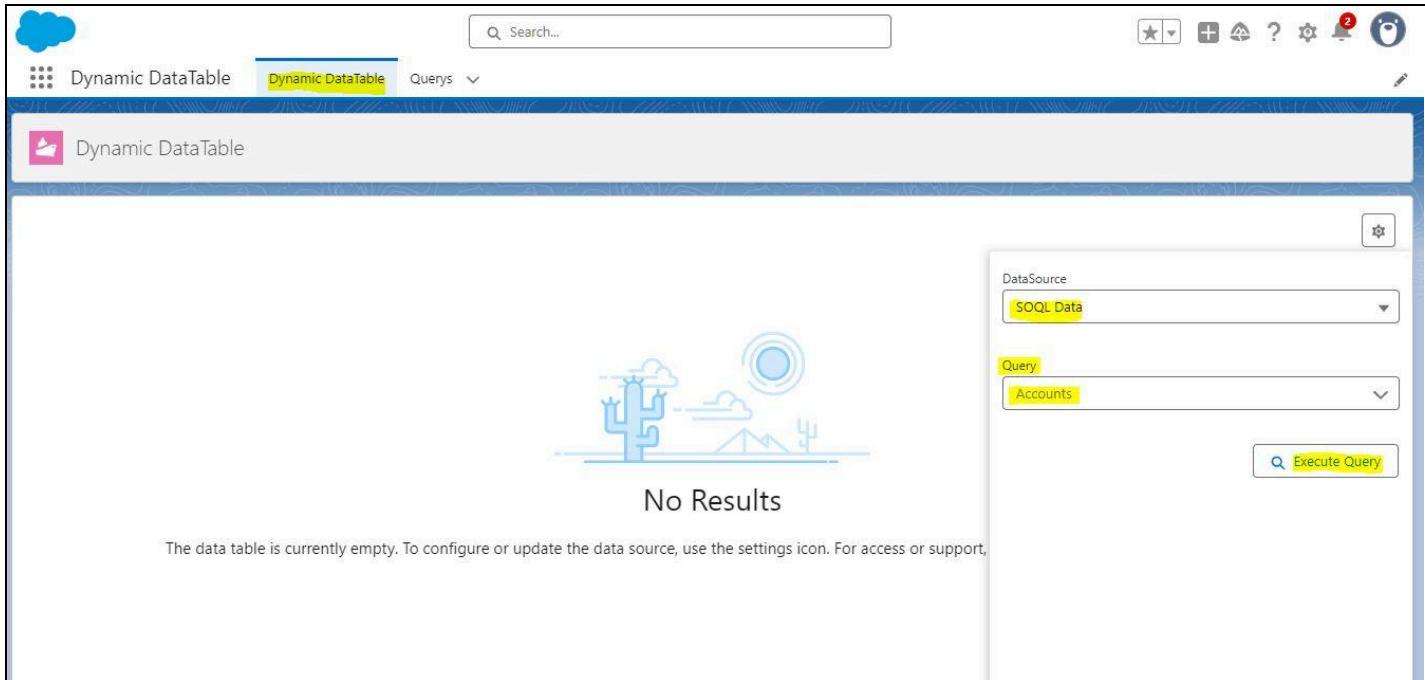
Once a **Saved Query** is generated, follow these steps to execute it within the [DynamicDataTable](#) component:

1. Navigate to the DynamicDataTable component and click the **Settings** icon.
2. Click the **Edit Data Source** button.
3. In the data source section, select **SOQL Data**.
4. From the **Query** dropdown, choose the **Saved Queries** you created.
5. Click the **Execute Query** button.

In the image below, select the Standard Query.

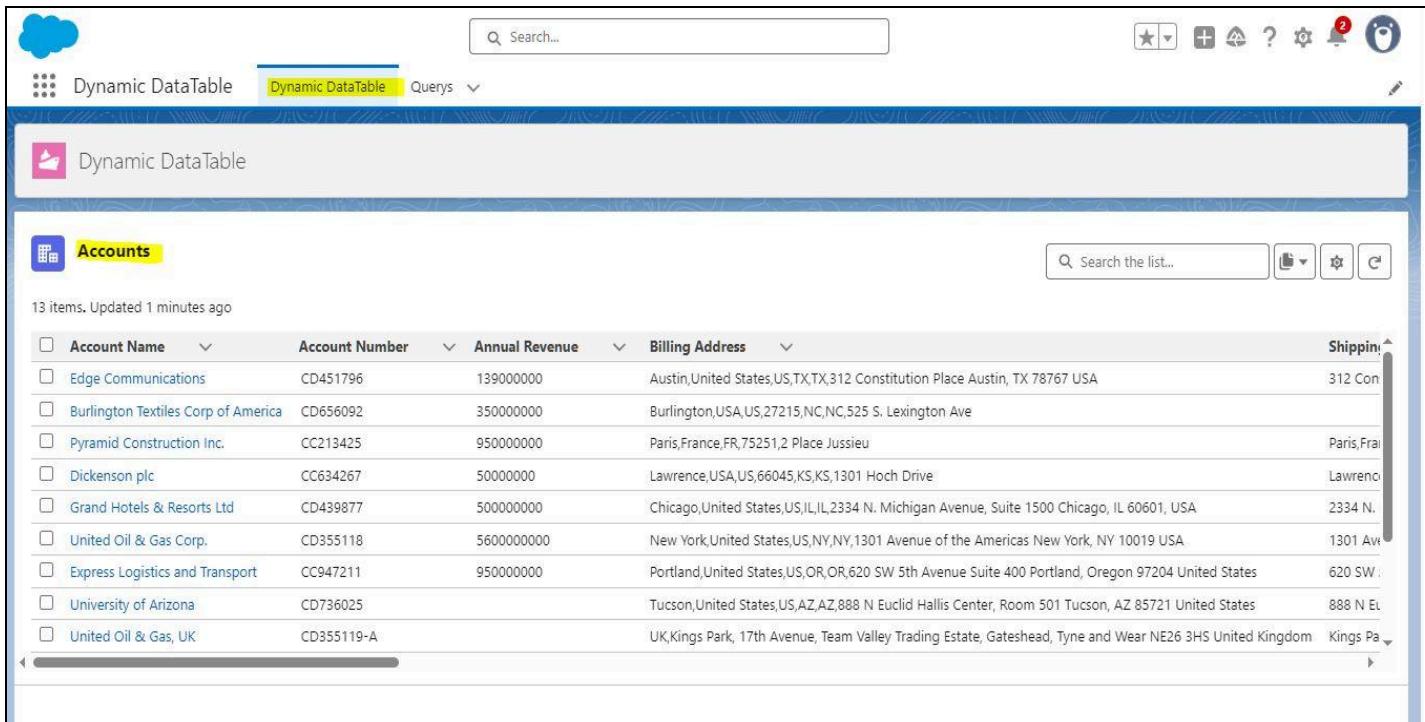


After selecting a Saved Query from the SOQL data source, which was previously created in the custom queries object are as shown below.



The screenshot shows the 'Dynamic DataTable' interface. At the top, there are tabs for 'Dynamic DataTable' (selected), 'Dynamic DataTable' (disabled), and 'Queries'. A search bar and various icons are also at the top. On the left, there's a sidebar with a 'Dynamic DataTable' icon and the text 'Dynamic DataTable'. The main area has a decorative cactus and sun background. A message says 'No Results'. Below it, a note states: 'The data table is currently empty. To configure or update the data source, use the settings icon. For access or support,' followed by a link. On the right, there's a panel titled 'DataSource' with 'SOQL Data' selected, and a 'Query' panel with 'Accounts' selected. An 'Execute Query' button is at the bottom of this panel.

The resulting data is then displayed in the User Interface, providing a seamless way to utilize pre-configured queries for efficient data retrieval.



The screenshot shows the 'Dynamic DataTable' interface after executing the 'Accounts' query. The top navigation and sidebar are identical to the previous screenshot. The main area now displays a table with 13 items, updated 1 minute ago. The table has columns for Account Name, Account Number, Annual Revenue, Billing Address, and Shipping. The data includes rows for Edge Communications, Burlington Textiles Corp of America, Pyramid Construction Inc., Dickenson plc, Grand Hotels & Resorts Ltd, United Oil & Gas Corp., Express Logistics and Transport, University of Arizona, and United Oil & Gas, UK. The table has a search bar at the top right and various export and filter icons.

Account Name	Account Number	Annual Revenue	Billing Address	Shipping
Edge Communications	CD451796	139000000	Austin,United States,US,TXTX,312 Constitution Place Austin, TX 78767 USA	312 Con
Burlington Textiles Corp of America	CD656092	350000000	Burlington,USA,US,27215,NC,NC,525 S. Lexington Ave	
Pyramid Construction Inc.	CC213425	950000000	Paris,France,FR,75251,2 Place Jussieu	Paris,Frai
Dickenson plc	CC634267	50000000	Lawrence,USA,US,66045,KS,KS,1301 Hoch Drive	Lawreno
Grand Hotels & Resorts Ltd	CD439877	500000000	Chicago,United States,US,IL,IL,2334 N. Michigan Avenue, Suite 1500 Chicago, IL 60601, USA	2334 N.
United Oil & Gas Corp.	CD355118	5600000000	New York,United States,US,NY,NY,1301 Avenue of the Americas New York, NY 10019 USA	1301 Av
Express Logistics and Transport	CC947211	950000000	Portland,United States,US,OR,OR,620 SW 5th Avenue Suite 400 Portland, Oregon 97204 United States	620 SW
University of Arizona	CD736025		Tucson,United States,US,AZ,AZ,888 N Euclid Hallis Center, Room 501 Tucson, AZ 85721 United States	888 N Eu
United Oil & Gas, UK	CD355119-A		UK,Kings Park, 17th Avenue, Team Valley Trading Estate, Gateshead, Tyne and Wear NE26 3HS United Kingdom	Kings Pa

## Settings-Controlled Features

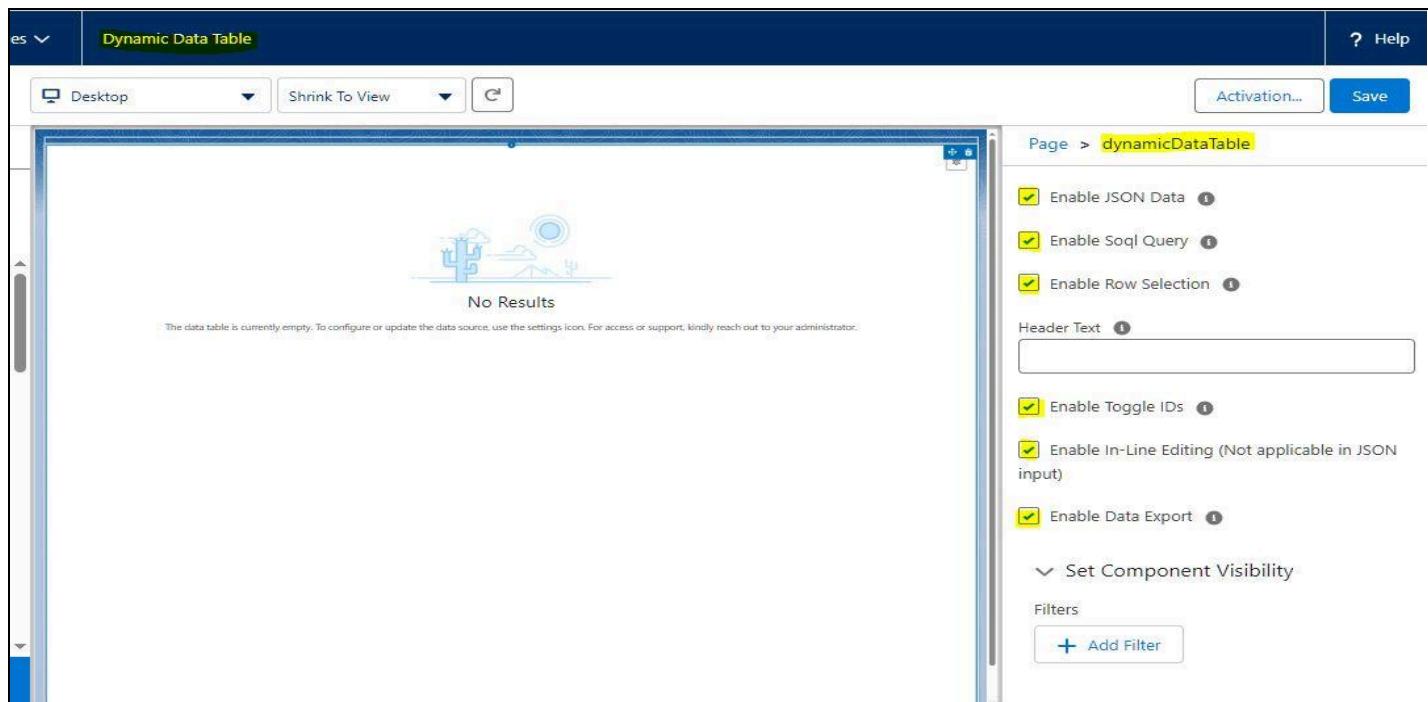
Settings-controlled features allow users to customize their DynamicDataTable interactions by enabling or disabling features for the component. This enhances user experience by providing flexibility and control over the table's display and functionality. Settings controlled features includes the following

- Datasource - JSON/SOQL/FlowRecords
- Toggle Record Ids
- Row Selection
- DynamicDataTable Header Text
- Inline Editing
- Data Export

## Data Source

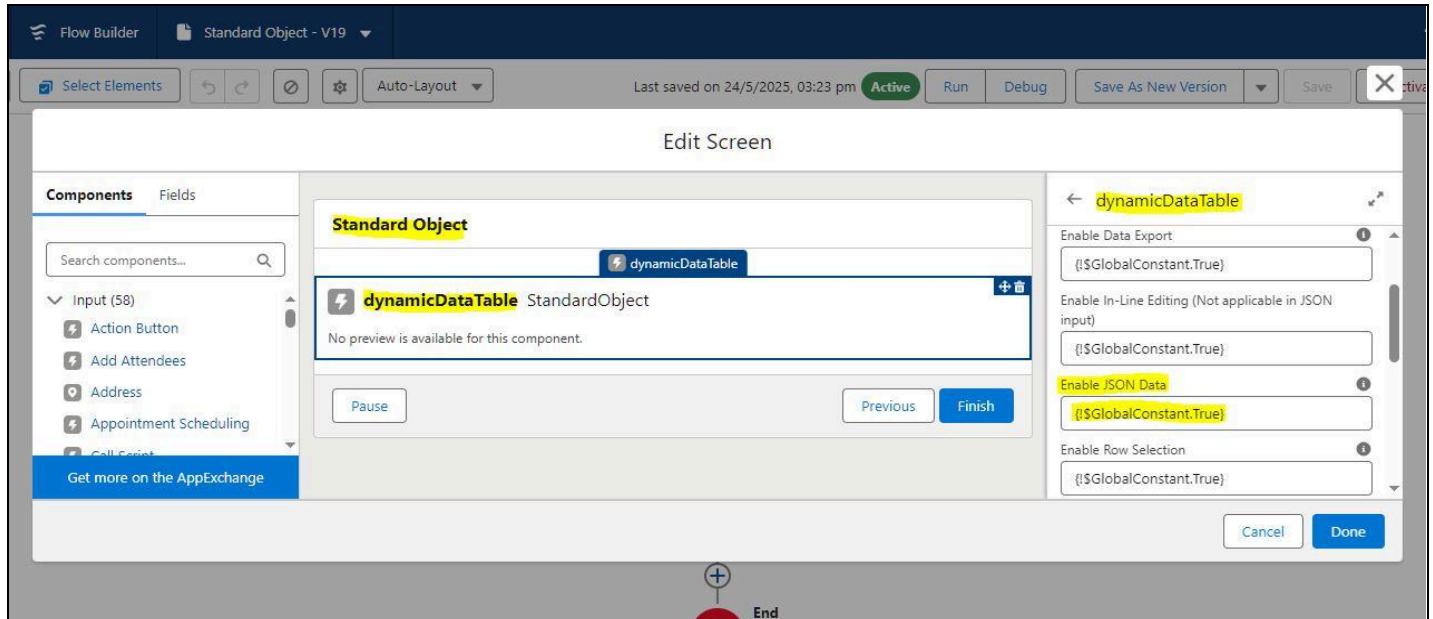
This feature allows configuring the datasource for the DynamicDataTable. The allowed data sources for DynamicDataTable are as JSON/SOQL/Flow Records. This gives us flexibility to use this DynamicDataTable with different ways to render data.

To use the **DynamicDataTable** component in a [LightningPage](#), [RecordDetailsPage](#), or [HomePage](#), configure the component's highlighted property with the required **JSON** or **SOQL** query. This enables the display of records in the **DynamicDataTable**. Users can then select checkboxes as needed to meet their specific requirements.



When using the DynamicDataTable in Flows.

Select the properties JSON/SOQL in the highlighted property to display records in the DynamicDataTable

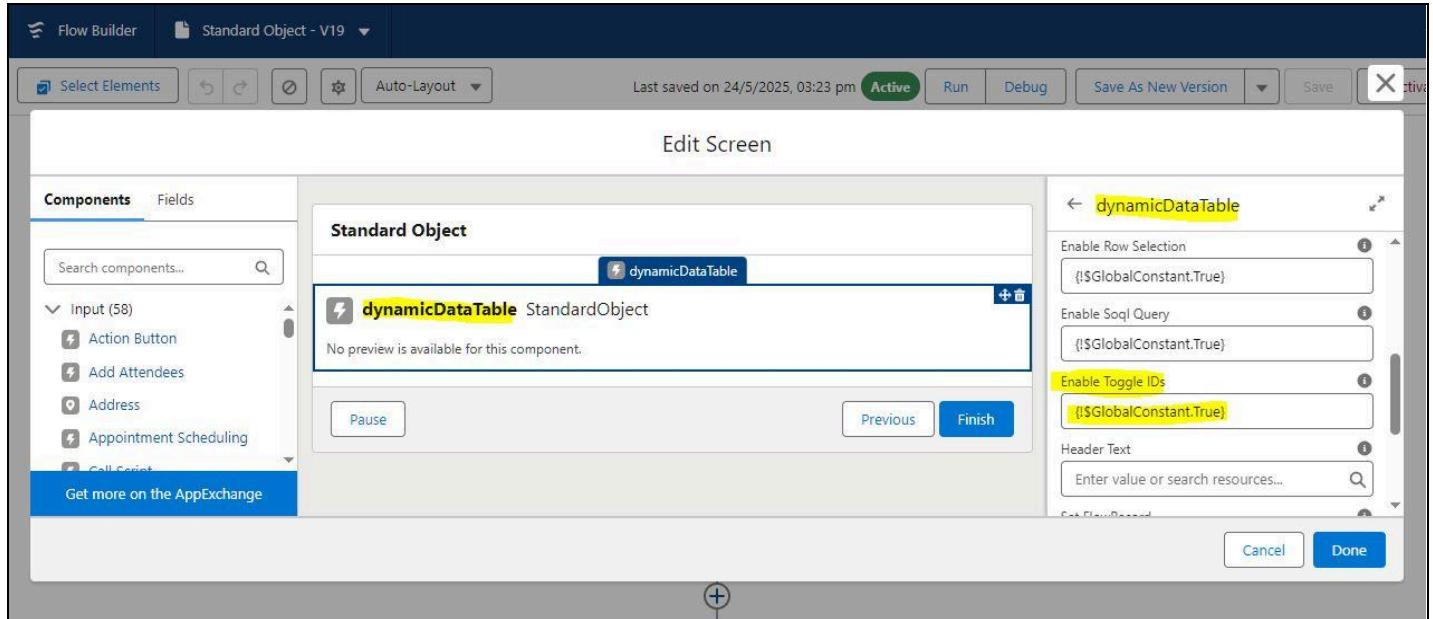


## Toggle ID

The toggle Id feature allows to control the visibility of records IDs within the DynamicDataTable. This feature provides flexibility in viewing the data, enhancing user experience by decluttering the table when ID information is not necessary. Toggle feature is applicable only for SOQL Datasource as of now in the DynamicDataTable.

When using the DynamicDataTable in Flows.

Add {!\$GlobalConstant} property True /False in the highlighted property to display records in the DynamicDataTable

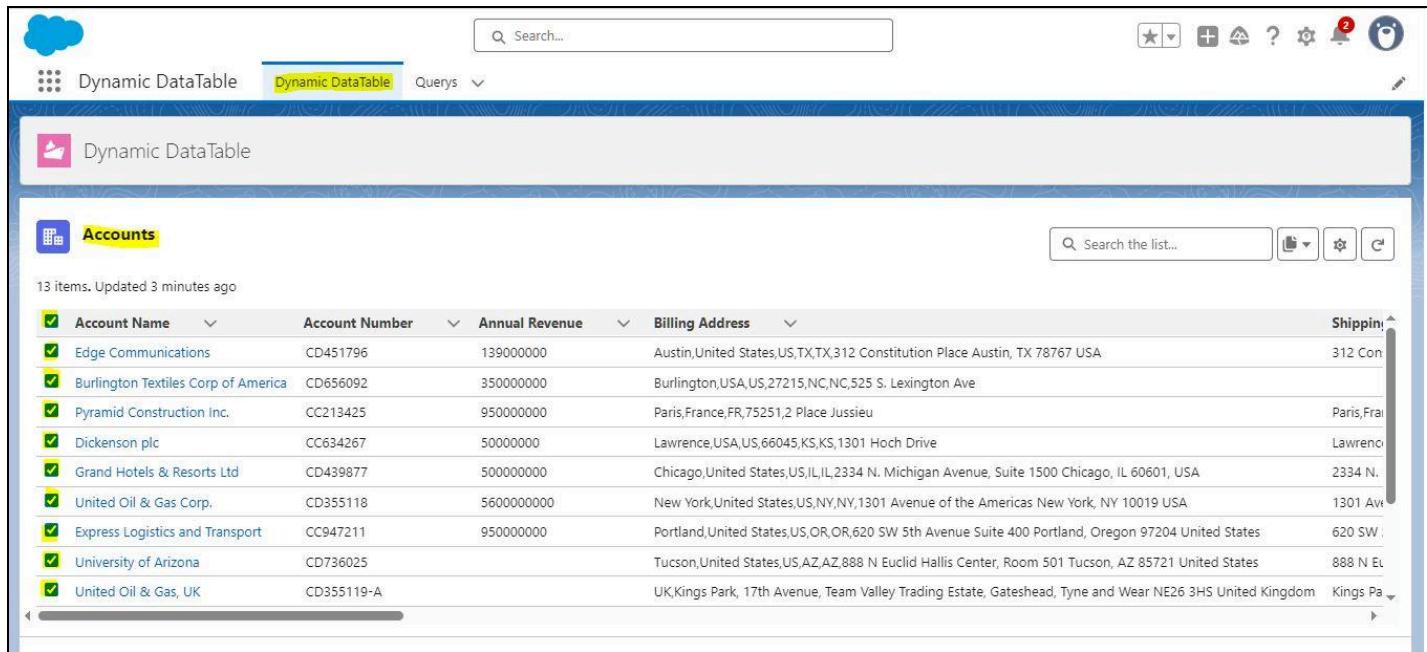


## Row Selection

The row selection feature allows users to select rows within a data table, providing an intuitive way to interact with and manage data. This functionality can be enabled or disabled through a settings panel by clicking the check box , giving users control over how they interact with the table.

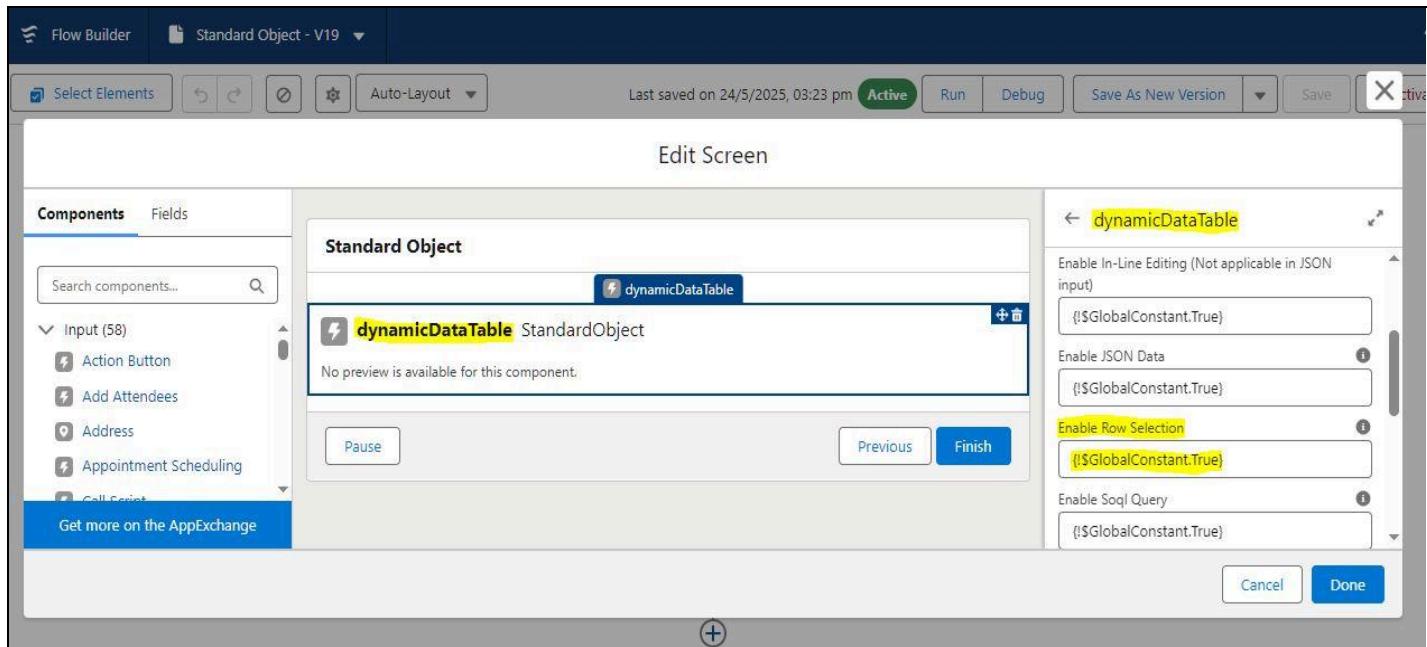
When using the DynamicDataTable in LightningPage, RecordDetails Page, Home Page.

Enable Row Selection in the highlighted property to display a checkbox in the DynamicDataTable.



Account Name	Account Number	Annual Revenue	Billing Address	Shipping
Edge Communications	CD451796	139000000	Austin, United States, US, TX, TX, 312 Constitution Place Austin, TX 78767 USA	312 Con
Burlington Textiles Corp of America	CD656092	350000000	Burlington, USA, US, 27215, NC, NC, 525 S. Lexington Ave	
Pyramid Construction Inc.	CC213425	950000000	Paris, France, FR, 75251, 2 Place Jussieu	Paris, Fra
Dickenson plc	CC634267	50000000	Lawrence, USA, US, 66045, KS, KS, 1301 Hoch Drive	Lawrenc
Grand Hotels & Resorts Ltd	CD439877	500000000	Chicago, United States, US, IL, IL, 2334 N. Michigan Avenue, Suite 1500 Chicago, IL 60601, USA	2334 N.
United Oil & Gas Corp.	CD355118	560000000	New York, United States, US, NY, NY, 1301 Avenue of the Americas New York, NY 10019 USA	1301 Av
Express Logistics and Transport	CC947211	950000000	Portland, United States, US, OR, OR, 620 SW 5th Avenue Suite 400 Portland, Oregon 97204 United States	620 SW
University of Arizona	CD736025		Tucson, United States, US, AZ, AZ, 888 N Euclid Hallis Center, Room 501 Tucson, AZ 85721 United States	888 N Et
United Oil & Gas, UK	CD355119-A		UK, Kings Park, 17th Avenue, Team Valley Trading Estate, Gateshead, Tyne and Wear NE26 3HS United Kingdom	Kings Pa

When using the DynamicDataTable in Flows. Add {!\$GlobalConstant} property True /False in the highlighted property to display checkboxes in the DynamicDataTable.

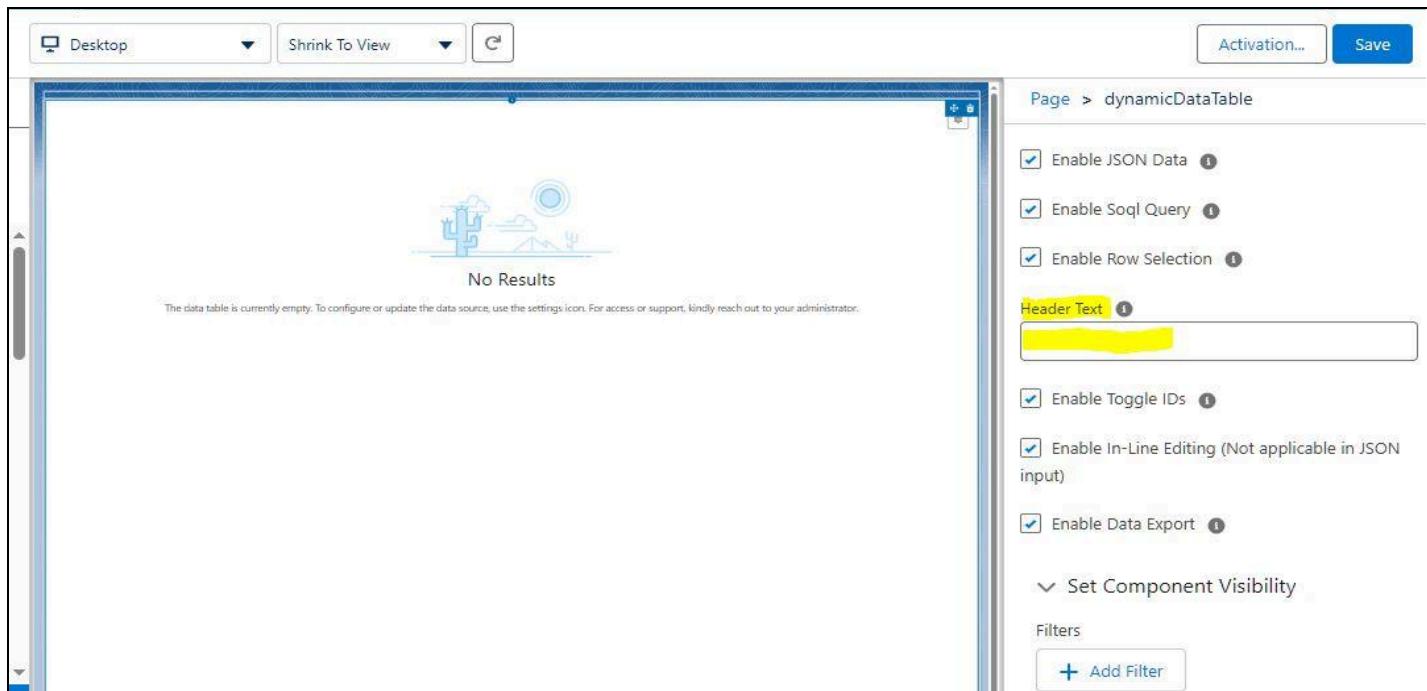


## Dynamic Datatable Header

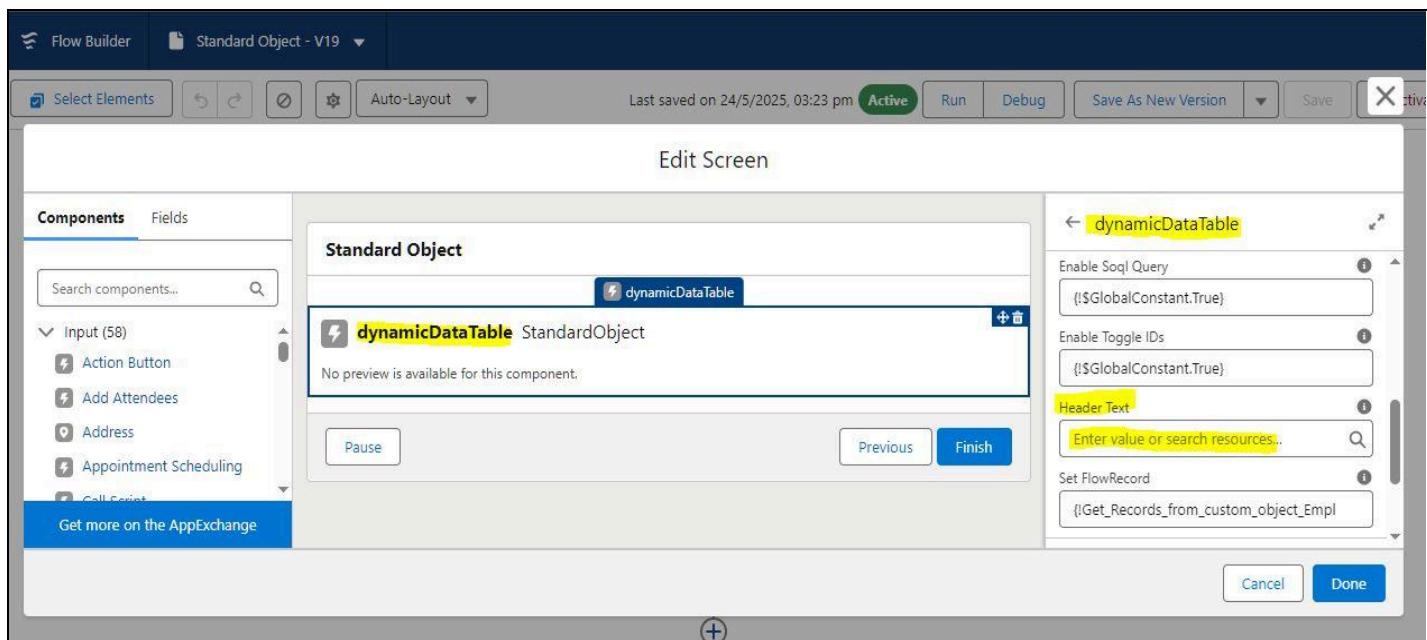
The change header text feature allows users to modify the text of table headers through a settings panel. This functionality enhances user experience by providing flexibility and customization of the table display to suit business needs.

When using the DynamicDataTable in LightningPage, RecordDetails Page, Home Page.

Enter Header Text value in the highlighted property to change header text in the DynamicDataTable.

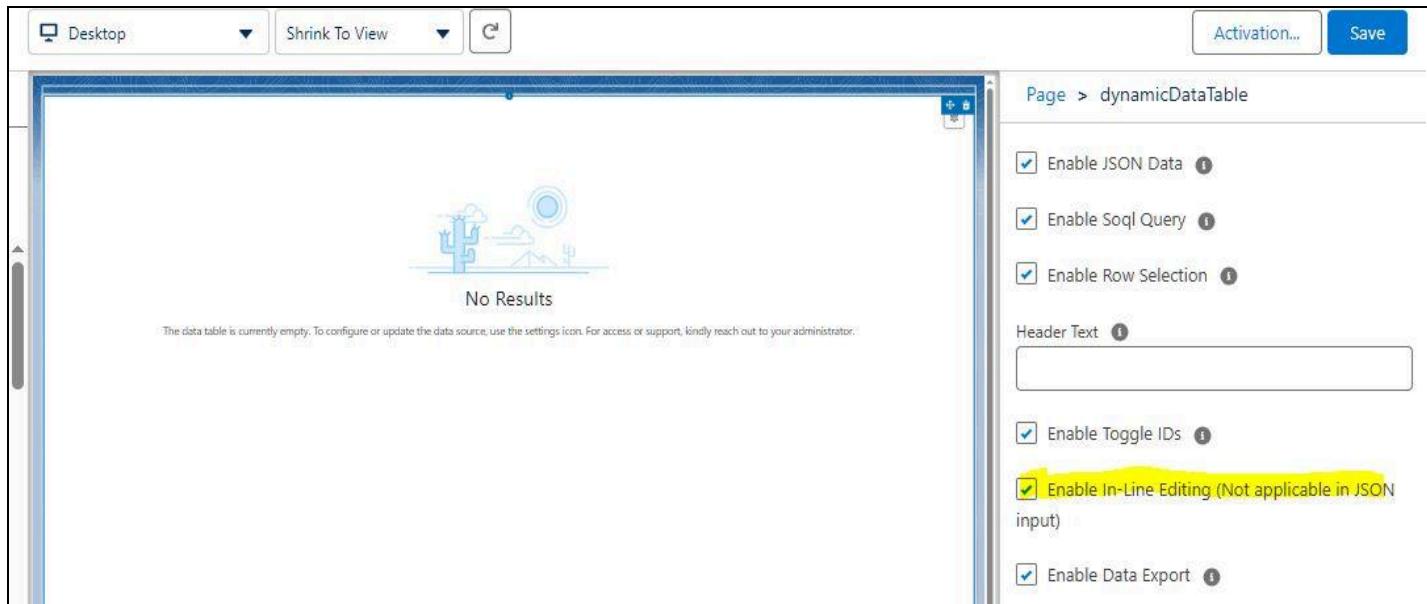


When using the DynamicDataTable in Flows. Enter Header Text value in the highlighted property to change header text in the DynamicDataTable.



## Inline Editing

The addition of an inline editing function to dynamic data tables in Salesforce enables seamless real-time updates to records directly within the table view. This enhancement streamlines data management processes, empowering users to efficiently edit and save changes. This edit functionality is not applicable in JSON Query.



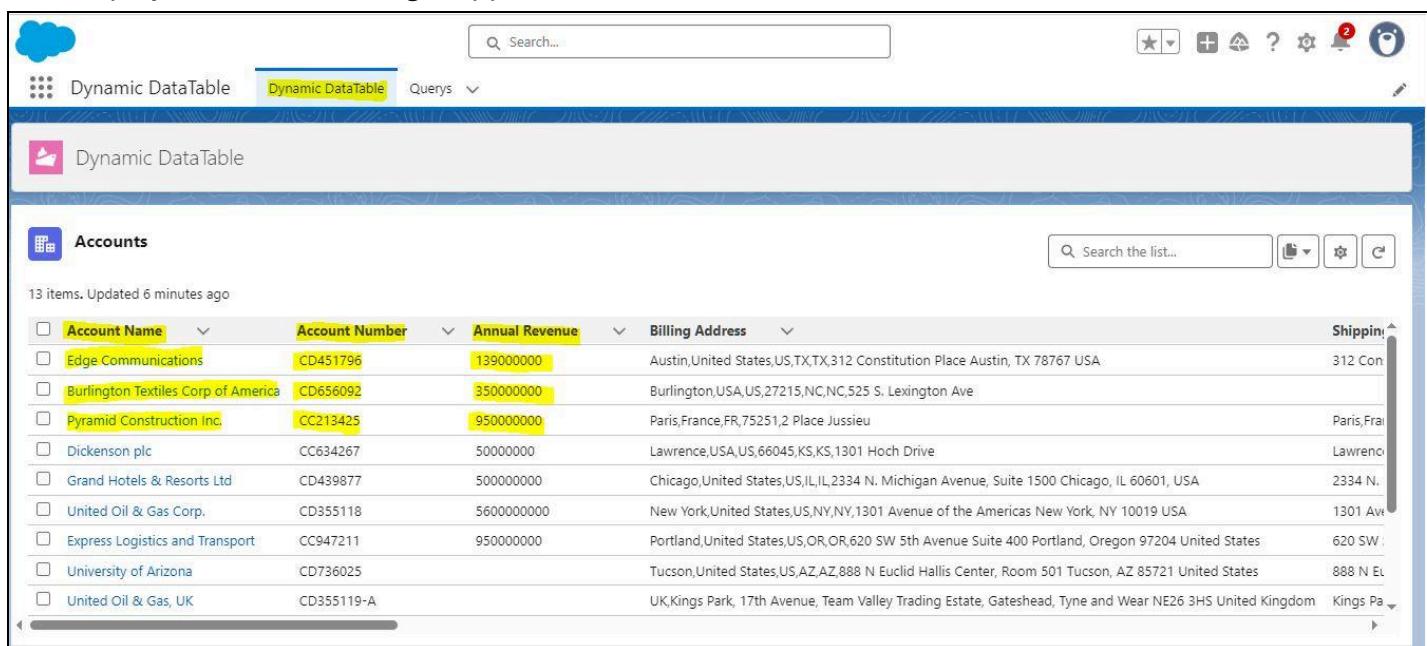
The screenshot shows the Salesforce Setup interface for configuring a dynamic data table. On the left, there's a preview area with a placeholder image and the text "No Results". Below it, a note says: "The data table is currently empty. To configure or update the data source, use the settings icon. For access or support, kindly reach out to your administrator." On the right, there's a sidebar with several configuration options, each with a checkbox and a help icon. The checkboxes for "Enable JSON Data", "Enable Soql Query", "Enable Row Selection", "Enable Toggle IDs", and "Enable Data Export" are checked. The checkbox for "Enable In-Line Editing (Not applicable in JSON input)" is also checked and is highlighted with a yellow box. At the top right of the sidebar, there are "Activation..." and "Save" buttons.

## DynamicDataTable Features

### Sorting

Allow users to sort data in ascending or descending order by clicking on column headers on column headers in a table or data grid. Displays column headers with clickable elements indicating sorting options. Visual cue (e.g., arrows) in the column header to show current sorting direction.

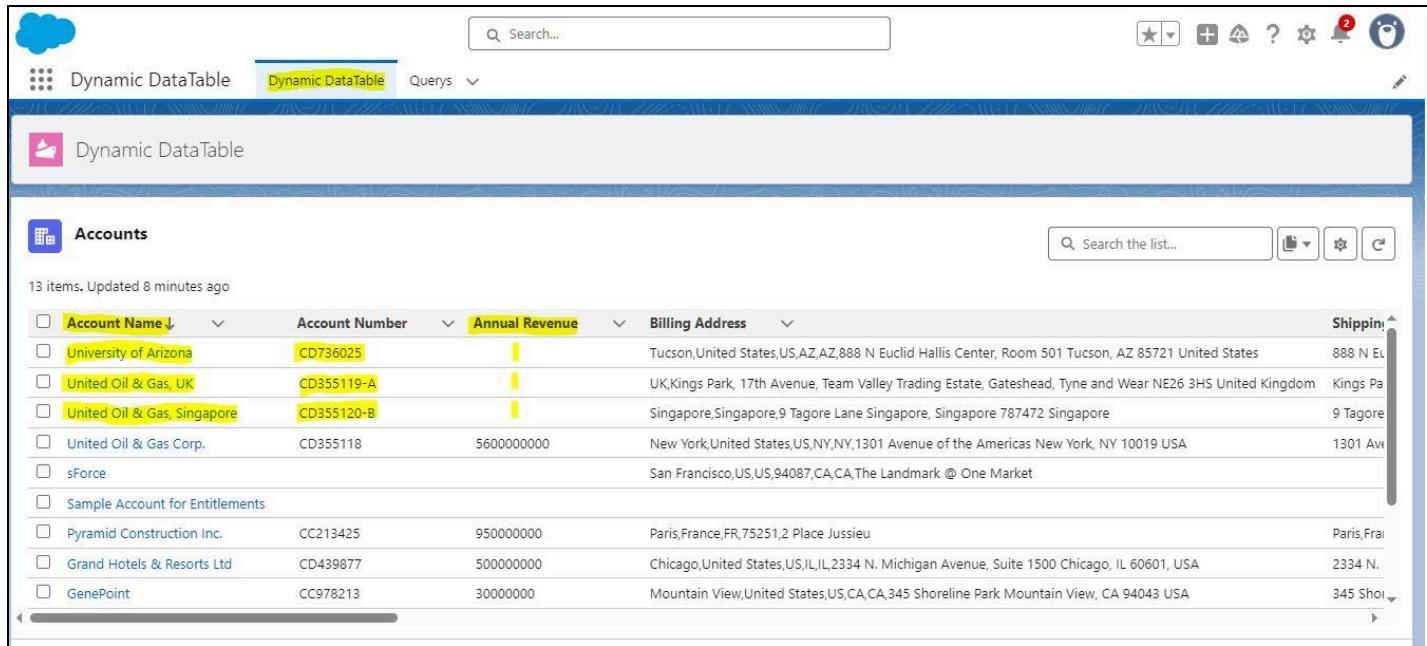
Data displayed is before sorting is applied on the First AccountName column.



The screenshot shows a dynamic data table in Salesforce. At the top, there's a navigation bar with icons for clouds, a search bar, and various user settings. Below it, a header bar shows "Dynamic DataTable" and "Dynamic DataTable" again, along with a "Queries" dropdown. The main area is titled "Dynamic DataTable" and contains a table titled "Accounts". The table has columns: "Account Name", "Account Number", "Annual Revenue", "Billing Address", and "Shipping". There are 13 items listed, updated 6 minutes ago. The "Account Name" column is highlighted with a yellow box. The table includes a search bar at the top right and various export and filter icons at the bottom right. The data in the table is as follows:

Account Name	Account Number	Annual Revenue	Billing Address	Shipping
Edge Communications	CD451796	139000000	Austin, United States, US, TX, TX, 312 Constitution Place Austin, TX 78767 USA	312 Con
Burlington Textiles Corp of America	CD656092	350000000	Burlington, USA, US, 27215, NC, NC, 525 S. Lexington Ave	
Pyramid Construction Inc.	CC213425	950000000	Paris, France, FR, 75251, 2 Place Jussieu	Paris, Frai
Dickenson plc	CC634267	50000000	Lawrence, USA, US, 66045, KS, KS, 1301 Hoch Drive	Lawreno
Grand Hotels & Resorts Ltd	CD439877	500000000	Chicago, United States, US, IL, IL, 2334 N. Michigan Avenue, Suite 1500 Chicago, IL 60601, USA	2334 N.
United Oil & Gas Corp.	CD355118	5600000000	New York, United States, US, NY, NY, 1301 Avenue of the Americas New York, NY 10019 USA	1301 Avr
Express Logistics and Transport	CC947211	950000000	Portland, United States, US, OR, OR, 620 SW 5th Avenue Suite 400 Portland, Oregon 97204 United States	620 SW
University of Arizona	CD736025		Tucson, United States, US, AZ, AZ, 888 N Euclid Hallis Center, Room 501 Tucson, AZ 85721 United States	888 N El
United Oil & Gas, UK	CD355119-A		UK, Kings Park, 17th Avenue, Team Valley Trading Estate, Gateshead, Tyne and Wear NE26 3HS United Kingdom	Kings Pa

After applying sorting on the **First Account Name** column, the data displayed in the table is updated to reflect the sorted order.

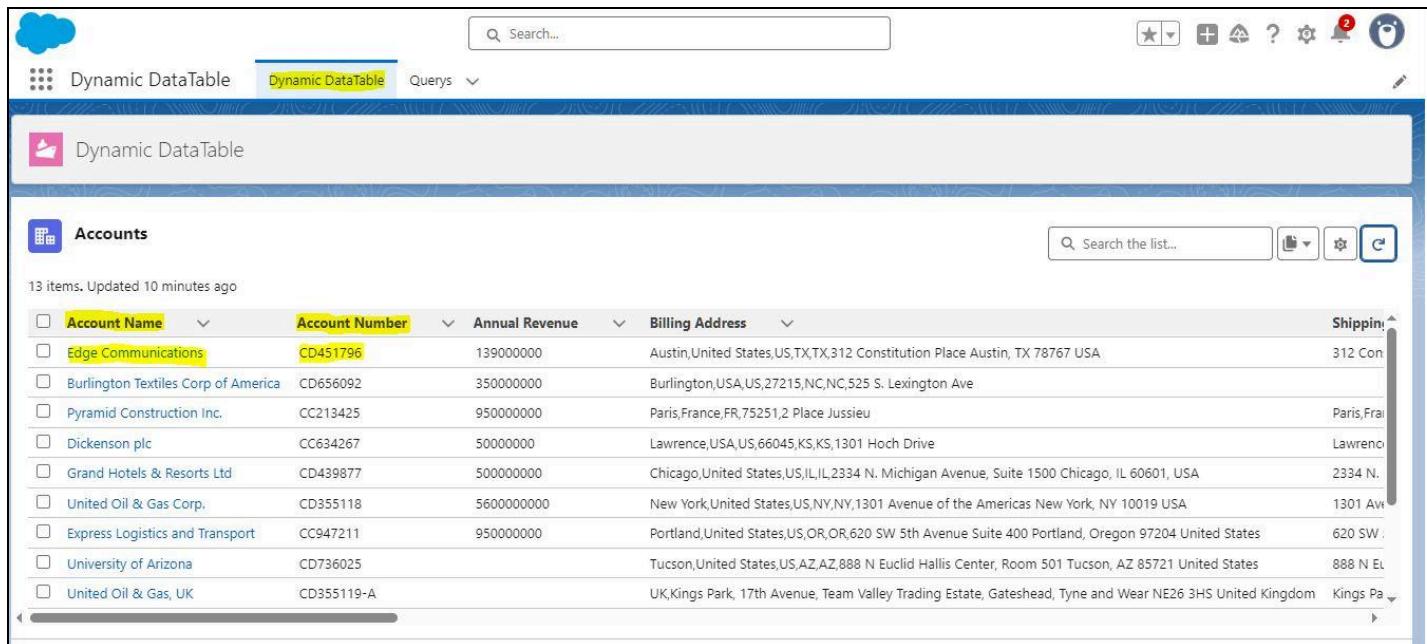


<input type="checkbox"/>	Account Name	Account Number	Annual Revenue	Billing Address	Shipping
<input type="checkbox"/>	University of Arizona	CD736025		Tucson,United States,US,AZ,AZ,888 N Euclid Hallis Center, Room 501 Tucson, AZ 85721 United States	888 N Eu
<input type="checkbox"/>	United Oil & Gas, UK	CD355119-A		UK,Kings Park, 17th Avenue, Team Valley Trading Estate, Gateshead, Tyne and Wear NE26 3HS United Kingdom	Kings Pa
<input type="checkbox"/>	United Oil & Gas, Singapore	CD355120-B		Singapore,Singapore,9 Tagore Lane Singapore, Singapore 787472 Singapore	9 Tagore
<input type="checkbox"/>	United Oil & Gas Corp.	CD355118	5600000000	New York,United States,US,NY,NY,1301 Avenue of the Americas New York, NY 10019 USA	1301 Ave
<input type="checkbox"/>	sForce			San Francisco,US,US,94087,CA,CA,The Landmark @ One Market	
<input type="checkbox"/>	Sample Account for Entitlements				
<input type="checkbox"/>	Pyramid Construction Inc.	CC213425	950000000	Paris,France,FR,75251,2 Place Jussieu	Paris,Fra
<input type="checkbox"/>	Grand Hotels & Resorts Ltd	CD439877	500000000	Chicago,United States,US,IL,IL,2334 N. Michigan Avenue, Suite 1500 Chicago, IL 60601, USA	2334 N.
<input type="checkbox"/>	GenePoint	CC978213	30000000	Mountain View,United States,US,CA,CA,345 Shoreline Park Mountain View, CA 94043 USA	345 Shor

## Column Positioning

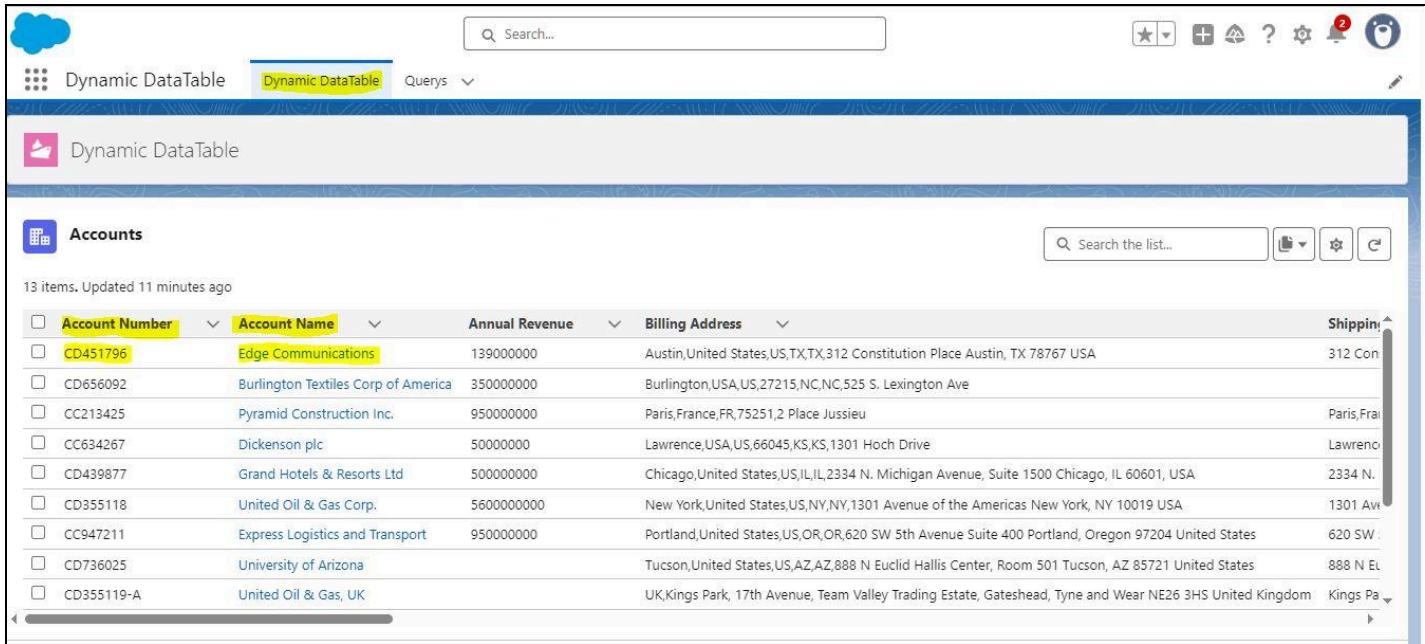
Enable users to change the position of columns through drag-and-drop functionality. The column positioning feature enhances user control and customization within a table or data grid by allowing them to rearrange column order using drag-and-drop functionality. This feature improves usability and personalization, catering to user preferences for data presentation. Displays column headers where users can interact with columns. A draggable icon or handle attached to each column header to initiate drag actions. Visual indicators are visible when a column is being repositioned.

As for reference, **Account Number** is on the second column.



<input type="checkbox"/>	Account Name	Account Number	Annual Revenue	Billing Address	Shipping
<input type="checkbox"/>	Edge Communications	CD451796	139000000	Austin,United States,US,TX,TX,312 Constitution Place Austin, TX 78767 USA	312 Con
<input type="checkbox"/>	Burlington Textiles Corp of America	CD656092	350000000	Burlington,USA,US,27215,NC,NC,525 S. Lexington Ave	
<input type="checkbox"/>	Pyramid Construction Inc.	CC213425	950000000	Paris,France,FR,75251,2 Place Jussieu	Paris,Fra
<input type="checkbox"/>	Dickenson plc	CC634267	50000000	Lawrence,USA,US,66045,KS,KS,1301 Hoch Drive	Lawrenc
<input type="checkbox"/>	Grand Hotels & Resorts Ltd	CD439877	500000000	Chicago,United States,US,IL,IL,2334 N. Michigan Avenue, Suite 1500 Chicago, IL 60601, USA	2334 N.
<input type="checkbox"/>	United Oil & Gas Corp.	CD355118	5600000000	New York,United States,US,NY,NY,1301 Avenue of the Americas New York, NY 10019 USA	1301 Ave
<input type="checkbox"/>	Express Logistics and Transport	CC947211	950000000	Portland,United States,US,OR,OR,620 SW 5th Avenue Suite 400 Portland, Oregon 97204 United States	620 SW .
<input type="checkbox"/>	University of Arizona	CD736025		Tucson,United States,US,AZ,AZ,888 N Euclid Hallis Center, Room 501 Tucson, AZ 85721 United States	888 N Eu
<input type="checkbox"/>	United Oil & Gas, UK	CD355119-A		UK,Kings Park, 17th Avenue, Team Valley Trading Estate, Gateshead, Tyne and Wear NE26 3HS United Kingdom	Kings Pa

After adjusting the position of the **First Account Name** column, the data displayed in the table is updated to reflect the new column arrangement.



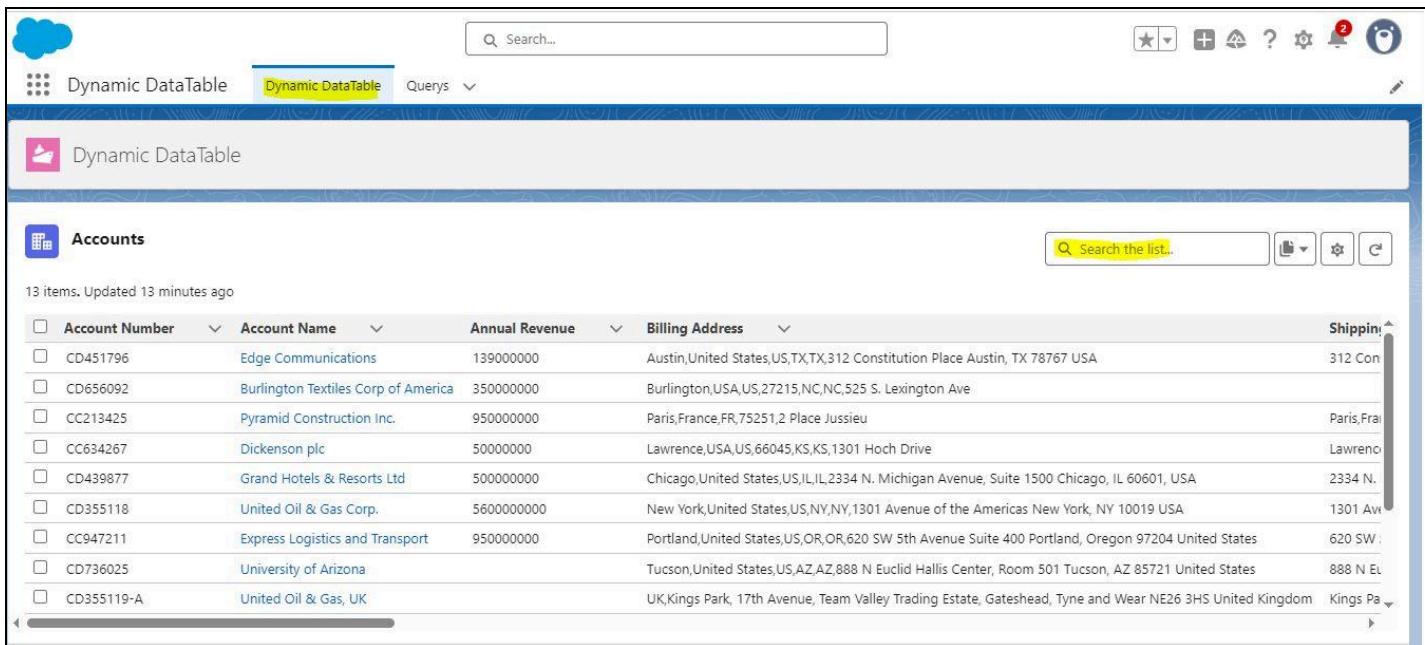
The screenshot shows a web-based application interface for managing accounts. At the top, there's a navigation bar with icons for cloud, Dynamic DataTable, Dynamic DataTable (highlighted in yellow), Queries, and other settings. Below the navigation is a header bar with a 'Dynamic DataTable' icon, a search bar containing 'Search...', and various toolbar icons. The main content area is titled 'Accounts' and displays a table of 13 items, last updated 11 minutes ago. The table has columns for Account Number, Account Name, Annual Revenue, Billing Address, and Shipping. The 'Account Name' column is highlighted in yellow, indicating it has been moved. The data rows show various company names and their details.

Account Number	Account Name	Annual Revenue	Billing Address	Shipping
CD451796	Edge Communications	139000000	Austin,United States,US,TX,TX,312 Constitution Place Austin, TX 78767 USA	312 Con
CD656092	Burlington Textiles Corp of America	350000000	Burlington,USA,US,27215,NC,NC,525 S. Lexington Ave	
CC213425	Pyramid Construction Inc.	950000000	Paris,France,FR,75251,2 Place Jussieu	Paris,Frai
CC634267	Dickenson plc	50000000	Lawrence,USA,US,66045,KS,KS,1301 Hoch Drive	Lawrenc
CD439877	Grand Hotels & Resorts Ltd	500000000	Chicago,United States,US,IL,IL,2334 N. Michigan Avenue, Suite 1500 Chicago, IL 60601, USA	2334 N.
CD355118	United Oil & Gas Corp.	560000000	New York,United States,US,NY,NY,1301 Avenue of the Americas New York, NY 10019 USA	1301 Av
CC947211	Express Logistics and Transport	950000000	Portland,United States,US,OR,OR,620 SW 5th Avenue Suite 400 Portland, Oregon 97204 United States	620 SW .
CD736025	University of Arizona		Tucson,United States,US,AZ,AZ,888 N Euclid Hallis Center, Room 501 Tucson, AZ 85721 United States	888 N El
CD355119-A	United Oil & Gas, UK		UK,Kings Park, 17th Avenue, Team Valley Trading Estate, Gateshead, Tyne and Wear NE26 3HS United Kingdom	Kings Pa

## Global Search

Component allows a global search bar to filter data across all columns. Global Search is designed to allow users to search across the data rendered inside the DynamicDataTable component.

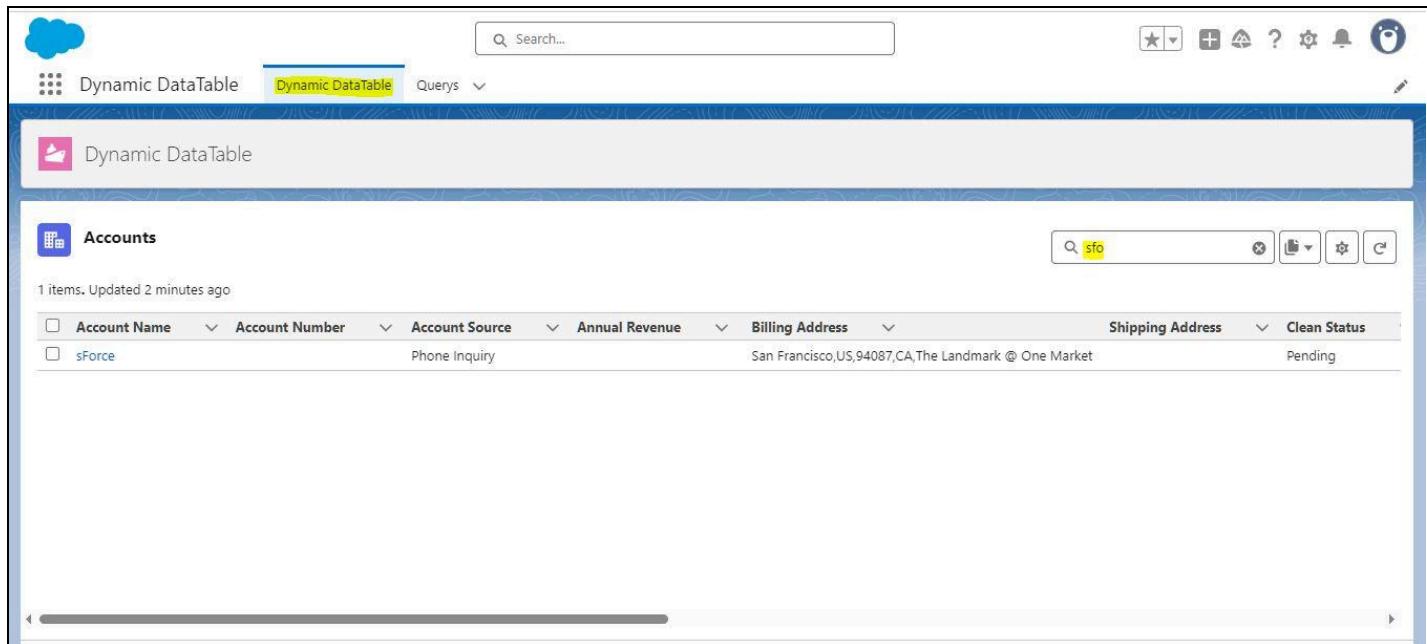
For instance the following records are displayed when the DynamicDataTable is loaded.



This screenshot is identical to the one above, showing the 'Accounts' table with 13 items. However, the global search bar at the top right of the main content area is now active, with the text 'Search the list...' highlighted in yellow. This indicates that the component is currently filtering the data based on the user's input.

Account Number	Account Name	Annual Revenue	Billing Address	Shipping
CD451796	Edge Communications	139000000	Austin,United States,US,TX,TX,312 Constitution Place Austin, TX 78767 USA	312 Con
CD656092	Burlington Textiles Corp of America	350000000	Burlington,USA,US,27215,NC,NC,525 S. Lexington Ave	
CC213425	Pyramid Construction Inc.	950000000	Paris,France,FR,75251,2 Place Jussieu	Paris,Frai
CC634267	Dickenson plc	50000000	Lawrence,USA,US,66045,KS,KS,1301 Hoch Drive	Lawrenc
CD439877	Grand Hotels & Resorts Ltd	500000000	Chicago,United States,US,IL,IL,2334 N. Michigan Avenue, Suite 1500 Chicago, IL 60601, USA	2334 N.
CD355118	United Oil & Gas Corp.	560000000	New York,United States,US,NY,NY,1301 Avenue of the Americas New York, NY 10019 USA	1301 Av
CC947211	Express Logistics and Transport	950000000	Portland,United States,US,OR,OR,620 SW 5th Avenue Suite 400 Portland, Oregon 97204 United States	620 SW .
CD736025	University of Arizona		Tucson,United States,US,AZ,AZ,888 N Euclid Hallis Center, Room 501 Tucson, AZ 85721 United States	888 N El
CD355119-A	United Oil & Gas, UK		UK,Kings Park, 17th Avenue, Team Valley Trading Estate, Gateshead, Tyne and Wear NE26 3HS United Kingdom	Kings Pa

When the **Global Filter** is applied, the data is filtered accordingly based on the specified criteria.



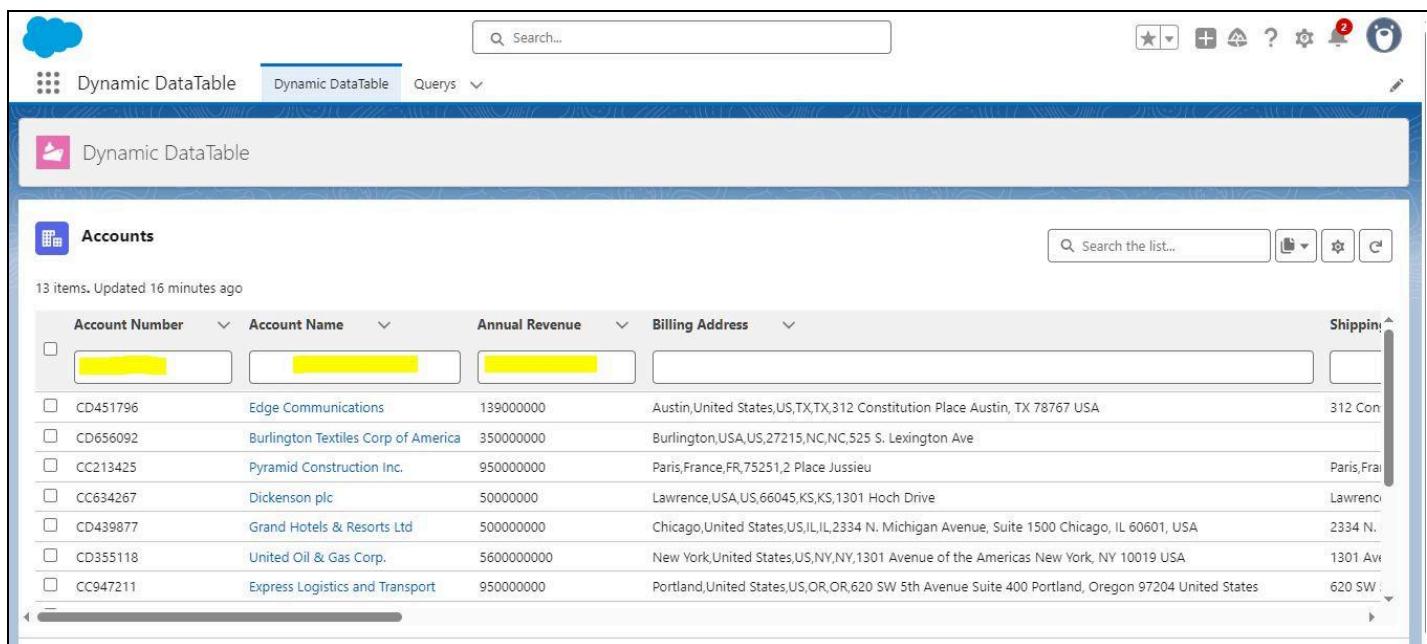
The screenshot shows a DynamicDataTable interface. At the top, there's a search bar with the placeholder "Search...". Below it, a navigation bar includes icons for cloud, "Dynamic DataTable", "Queries", and other settings. The main area is titled "Dynamic DataTable" and contains a sub-section titled "Accounts". A message indicates "1 items. Updated 2 minutes ago". A table displays one record:

Account Name	Account Number	Account Source	Annual Revenue	Billing Address	Shipping Address	Clean Status
sForce		Phone Inquiry		San Francisco,US,94087,CA,The Landmark @ One Market		Pending

## Column Search

Provide search functionality within individual columns. The column search function allows users to search and filter data within a specific column of the DynamicDataTable. This feature enhances data retrieval efficiency and precision by narrowing down the search scope to the chosen column. Allows users to target searches to specific columns. Quickly filters large datasets to find relevant information.

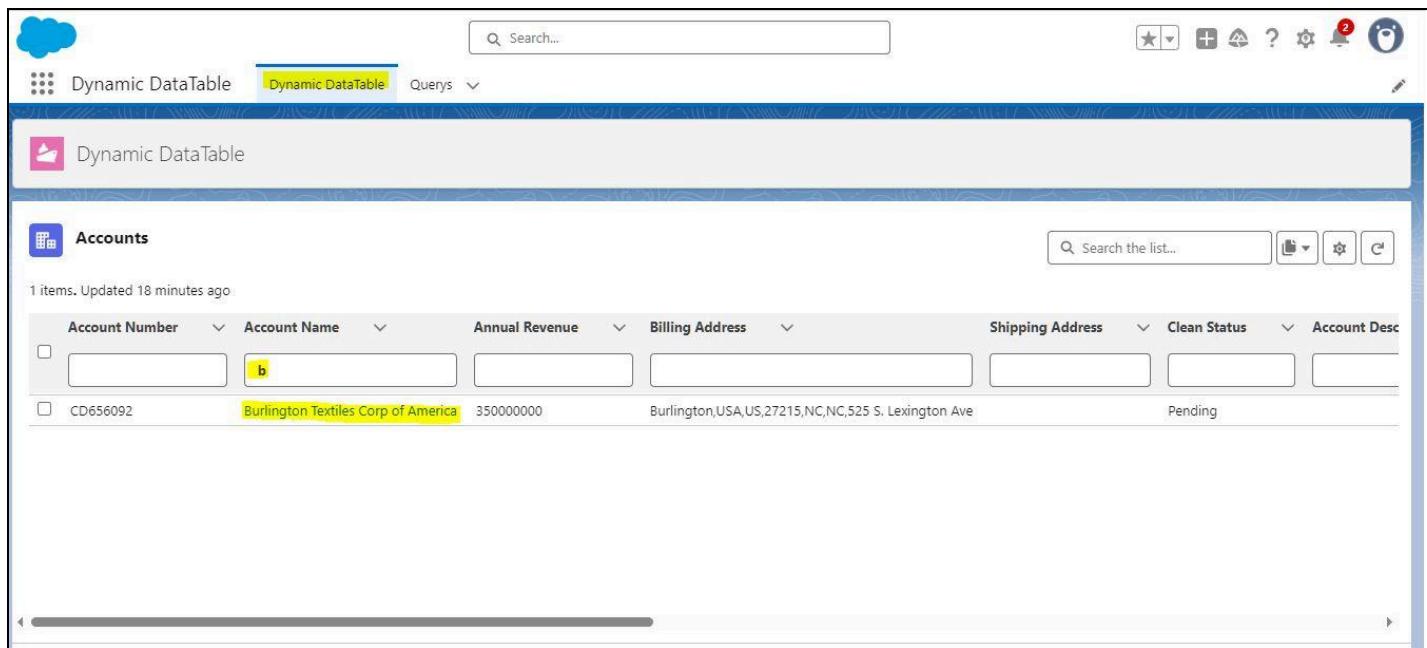
For instance the following records are displayed when the DynamicDataTable is loaded.



The screenshot shows a DynamicDataTable interface. At the top, there's a search bar with the placeholder "Search...". Below it, a navigation bar includes icons for cloud, "Dynamic DataTable", "Queries", and other settings. The main area is titled "Dynamic DataTable" and contains a sub-section titled "Accounts". A message indicates "13 items. Updated 16 minutes ago". A table displays multiple records. A search bar labeled "Search the list..." is positioned above the table. The table has columns: "Account Number", "Account Name", "Annual Revenue", "Billing Address", and "Shipping". The "Account Name" column is highlighted with yellow boxes around the first few entries. The table lists various companies with their details:

Account Number	Account Name	Annual Revenue	Billing Address	Shipping
CD451796	Edge Communications	139000000	Austin,United States,US,TX,TX,312 Constitution Place Austin, TX 78767 USA	312 Con
CD656092	Burlington Textiles Corp of America	350000000	Burlington,USA,US,27215,NC,NC,525 S. Lexington Ave	
CC213425	Pyramid Construction Inc.	950000000	Paris,France,FR,75251,2 Place Jussieu	Paris,Frai
CC634267	Dickenson plc	50000000	Lawrence,USA,US,66045,KS,KS,1301 Hoch Drive	Lawrenc
CD439877	Grand Hotels & Resorts Ltd	50000000	Chicago,United States,US,IL,IL,2334 N. Michigan Avenue, Suite 1500 Chicago, IL 60601, USA	2334 N.
CD355118	United Oil & Gas Corp.	560000000	New York,United States,US,NY,NY,1301 Avenue of the Americas New York, NY 10019 USA	1301 Av
CC947211	Express Logistics and Transport	950000000	Portland,United States,US,OR,OR,620 SW 5th Avenue Suite 400 Portland, Oregon 97204 United States	620 SW

When the **Column Filter** is applied, the data is filtered based on the specified conditions for the selected column.



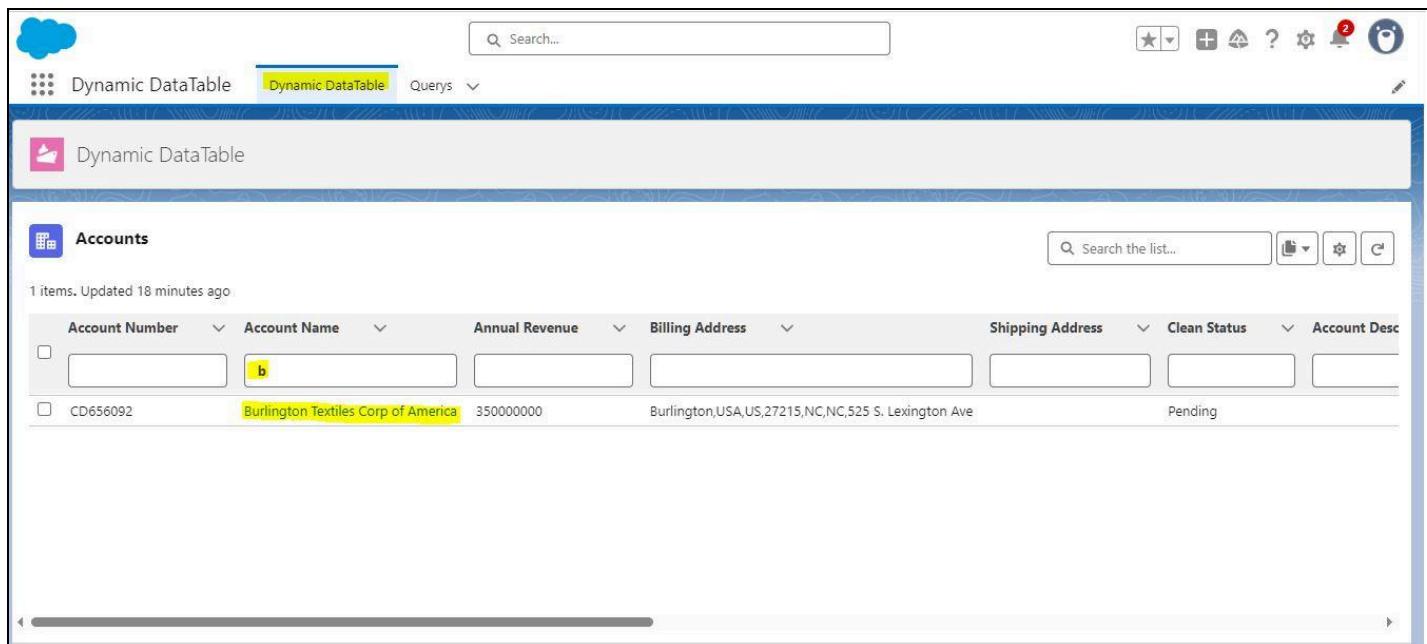
The screenshot shows a dynamic data table interface. At the top, there's a navigation bar with icons for cloud, Dynamic DataTable, and Queries. Below the navigation is a search bar and a toolbar with various icons. The main area is titled "Dynamic DataTable" and contains a sub-section titled "Accounts". A message indicates "1 items. Updated 18 minutes ago". The data table has columns: Account Number, Account Name, Annual Revenue, Billing Address, Shipping Address, Clean Status, and Account Desc. The "Account Name" column is highlighted with a yellow background, indicating it is the current filter. The first row of data is visible, showing an account with Account Number CD656092, Account Name Burlington Textiles Corp of America, Annual Revenue 350000000, Billing Address Burlington,USA,US,27215,NC,NC,525 S. Lexington Ave, Clean Status Pending, and Account Desc (empty). The "Account Name" cell contains the letter "b", which is the filter condition applied.

**Note: The Global Search along with the column filter works seamlessly.**

## Reset Data

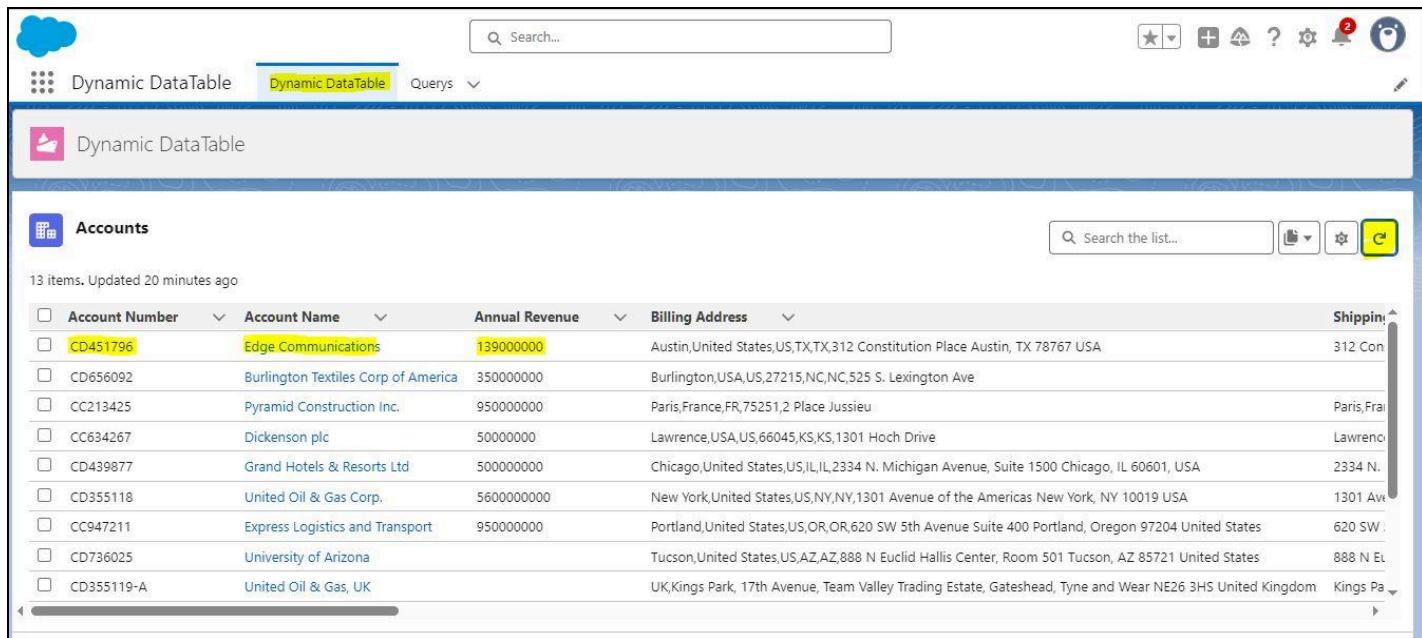
Include a feature to reset the data table to its original state. The Reset feature is commonly used in applications to clear or reset data inputs, settings, or configurations to their default states. This feature is useful in forms, data entry applications, filters, and any user interface where the user might need to start over with a clean slate.

For instance we filtered some data in The DynamicDataTable as under.



This screenshot is identical to the one above, showing the same dynamic data table interface with the "Account Name" column highlighted and the letter "b" entered as a filter. The data table displays the same single row of account information: Account Number CD656092, Account Name Burlington Textiles Corp of America, Annual Revenue 350000000, Billing Address Burlington,USA,US,27215,NC,NC,525 S. Lexington Ave, Clean Status Pending, and Account Desc (empty).

Clicking the **Reset** button restores the **DynamicDataTable** to its original state, reverting all applied filters, sorting, and column customizations.



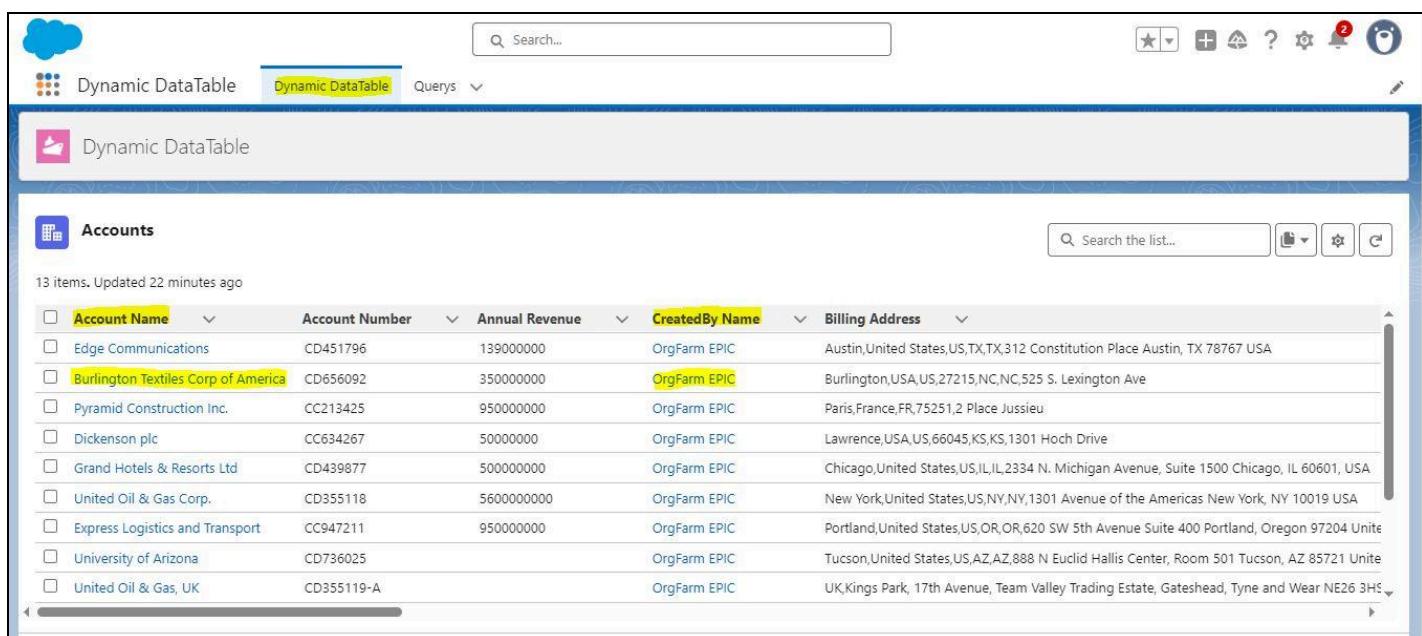
This screenshot shows a Dynamics 365 application interface. At the top, there's a navigation bar with a cloud icon, the title "Dynamic DataTable", and a search bar. Below the navigation bar is a toolbar with icons for back, forward, refresh, and other system functions. The main area is titled "Dynamic DataTable" and contains a sub-section titled "Accounts". A message indicates "13 items. Updated 20 minutes ago". The data is presented in a table with the following columns:

<input type="checkbox"/>	Account Number	Account Name	Annual Revenue	Billing Address	Shipping Address
<input type="checkbox"/>	CD451796	Edge Communications	139000000	Austin, United States, US, TX, TX, 312 Constitution Place Austin, TX 78767 USA	312 Con
<input type="checkbox"/>	CD656092	Burlington Textiles Corp of America	350000000	Burlington, USA, US, 27215, NC, NC, 525 S. Lexington Ave	
<input type="checkbox"/>	CC213425	Pyramid Construction Inc.	950000000	Paris, France, FR, 75251, 2 Place Jussieu	Paris, Fra
<input type="checkbox"/>	CC634267	Dickenson plc	50000000	Lawrence, USA, US, 66045, KS, KS, 1301 Hoch Drive	Lawrenc
<input type="checkbox"/>	CD439877	Grand Hotels & Resorts Ltd	500000000	Chicago, United States, US, IL, IL, 2334 N. Michigan Avenue, Suite 1500 Chicago, IL 60601, USA	2334 N.
<input type="checkbox"/>	CD355118	United Oil & Gas Corp.	560000000	New York, United States, US, NY, NY, 1301 Avenue of the Americas New York, NY 10019 USA	1301 Ave
<input type="checkbox"/>	CC947211	Express Logistics and Transport	950000000	Portland, United States, US, OR, OR, 620 SW 5th Avenue Suite 400 Portland, Oregon 97204 United States	620 SW
<input type="checkbox"/>	CD736025	University of Arizona		Tucson, United States, US, AZ, AZ, 888 N Euclid Hallis Center, Room 501 Tucson, AZ 85721 United States	888 N El
<input type="checkbox"/>	CD355119-A	United Oil & Gas, UK		UK, Kings Park, 17th Avenue, Team Valley Trading Estate, Gateshead, Tyne and Wear NE26 3HS United Kingdom	Kings Pa

## Related Data As Clickable Links

Display related data as clickable links, allowing navigation to detail pages. Display related data fields within the application interface as clickable links. Enable users to click on these links to navigate directly to corresponding detail pages or related information. Define target URLs dynamically based on the related data context to ensure accurate navigation.

Implementing clickable links for related data within the application allows users to easily navigate to detailed information or related resources, enhancing the usability and accessibility of the interface.

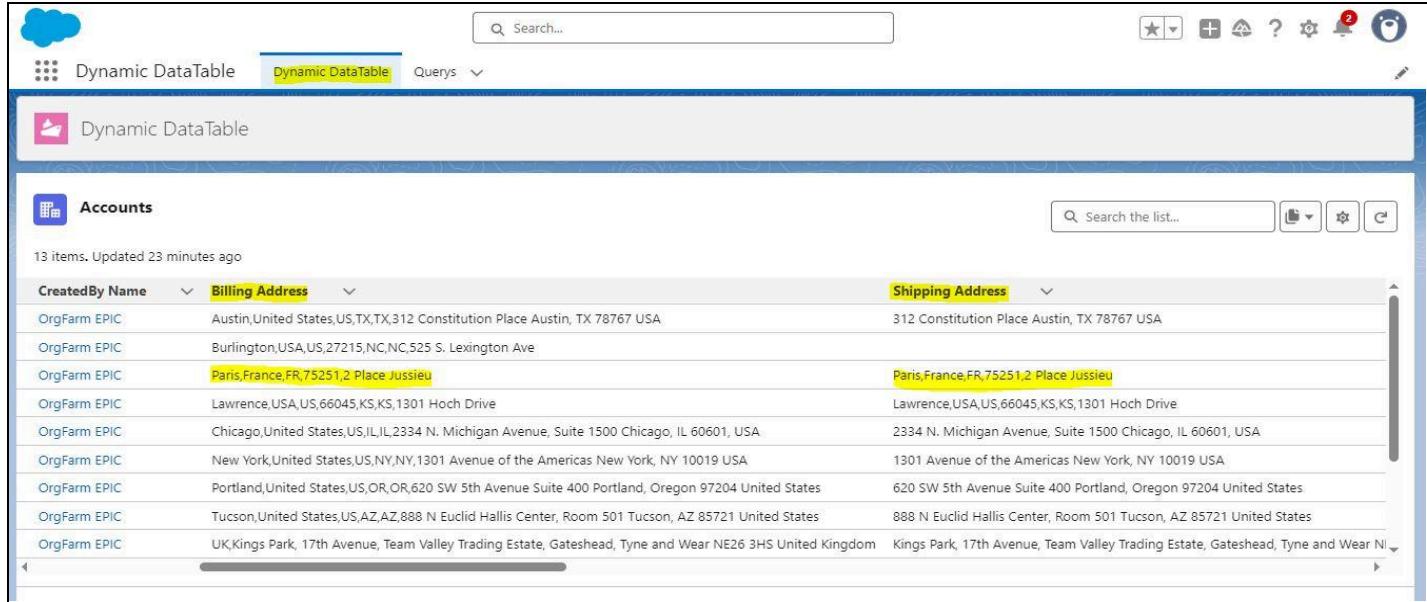


This screenshot shows the same Dynamics 365 application interface as the previous one, but with a different configuration. The "Accounts" table now includes a "CreatedBy Name" column, which contains links to user profiles. The rest of the columns and data remain the same as in the first screenshot.

<input type="checkbox"/>	Account Name	Account Number	Annual Revenue	CreatedBy Name	Billing Address
<input type="checkbox"/>	Edge Communications	CD451796	139000000	OrgFarm EPIC	Austin, United States, US, TX, TX, 312 Constitution Place Austin, TX 78767 USA
<input type="checkbox"/>	Burlington Textiles Corp of America	CD656092	350000000	OrgFarm EPIC	Burlington, USA, US, 27215, NC, NC, 525 S. Lexington Ave
<input type="checkbox"/>	Pyramid Construction Inc.	CC213425	950000000	OrgFarm EPIC	Paris, France, FR, 75251, 2 Place Jussieu
<input type="checkbox"/>	Dickenson plc	CC634267	50000000	OrgFarm EPIC	Lawrence, USA, US, 66045, KS, KS, 1301 Hoch Drive
<input type="checkbox"/>	Grand Hotels & Resorts Ltd	CD439877	500000000	OrgFarm EPIC	Chicago, United States, US, IL, IL, 2334 N. Michigan Avenue, Suite 1500 Chicago, IL 60601, USA
<input type="checkbox"/>	United Oil & Gas Corp.	CD355118	560000000	OrgFarm EPIC	New York, United States, US, NY, NY, 1301 Avenue of the Americas New York, NY 10019 USA
<input type="checkbox"/>	Express Logistics and Transport	CC947211	950000000	OrgFarm EPIC	Portland, United States, US, OR, OR, 620 SW 5th Avenue Suite 400 Portland, Oregon 97204 United States
<input type="checkbox"/>	University of Arizona	CD736025		OrgFarm EPIC	Tucson, United States, US, AZ, AZ, 888 N Euclid Hallis Center, Room 501 Tucson, AZ 85721 United States
<input type="checkbox"/>	United Oil & Gas, UK	CD355119-A		OrgFarm EPIC	UK, Kings Park, 17th Avenue, Team Valley Trading Estate, Gateshead, Tyne and Wear NE26 3HS United Kingdom

## Address DataType Field

Fields with the **Address DataType field** to display their values in the DynamicDataTable, **Address DataType field** visible but non-editable is to maintain transparency by displaying address information while ensuring that users cannot modify it.



The screenshot shows a web-based application interface with a header bar containing a cloud icon, a search bar, and various navigation and settings icons. Below the header, there are two tabs: "Dynamic DataTable" and "Dynamic DataTable Queries". The main content area displays a table titled "Accounts". The table has columns for "CreatedBy Name", "Billing Address", and "Shipping Address". The "Billing Address" column contains several entries, including one highlighted in yellow: "Paris,France,FR,75251,2 Place Jussieu". The "Shipping Address" column also contains entries, such as "312 Constitution Place Austin, TX 78767 USA". A search bar labeled "Search the list..." is located at the top right of the table area. The bottom of the table shows a horizontal scrollbar and a vertical scrollbar on the right side.

CreatedBy Name	Billing Address	Shipping Address
OrgFarm EPIC	Austin,United States,US,TX,TX,312 Constitution Place Austin, TX 78767 USA	312 Constitution Place Austin, TX 78767 USA
OrgFarm EPIC	Burlington,USA,US,27215,NC,NC,525 S. Lexington Ave	
OrgFarm EPIC	Paris,France,FR,75251,2 Place Jussieu	Paris,France,FR,75251,2 Place Jussieu
OrgFarm EPIC	Lawrence,USA,US,66045,KS,KS,1301 Hoch Drive	Lawrence,USA,US,66045,KS,KS,1301 Hoch Drive
OrgFarm EPIC	Chicago,United States,US,IL,IL,2334 N. Michigan Avenue, Suite 1500 Chicago, IL 60601, USA	2334 N. Michigan Avenue, Suite 1500 Chicago, IL 60601, USA
OrgFarm EPIC	New York,United States,US,NY,NY,1301 Avenue of the Americas New York, NY 10019 USA	1301 Avenue of the Americas New York, NY 10019 USA
OrgFarm EPIC	Portland,United States,US,OR,OR,620 SW 5th Avenue Suite 400 Portland, Oregon 97204 United States	620 SW 5th Avenue Suite 400 Portland, Oregon 97204 United States
OrgFarm EPIC	Tucson,United States,US,AZ,AZ,888 N Euclid Hallis Center, Room 501 Tucson, AZ 85721 United States	888 N Euclid Hallis Center, Room 501 Tucson, AZ 85721 United States
OrgFarm EPIC	UK,Kings Park, 17th Avenue, Team Valley Trading Estate, Gateshead, Tyne and Wear NE26 3HS United Kingdom	Kings Park, 17th Avenue, Team Valley Trading Estate, Gateshead, Tyne and Wear NE26 3HS United Kingdom

## Lazy Loading

Load data incrementally as users scroll through the table. Lazy loading is a performance optimization technique used in web development to load data incrementally as users scroll through a table, rather than loading all data upfront. This approach is especially beneficial when dealing with large datasets, as it improves initial page load times and reduces memory usage.

## Improved Performance

By fetching data in small chunks, lazy loading significantly decreases the initial load time, making the application more responsive.

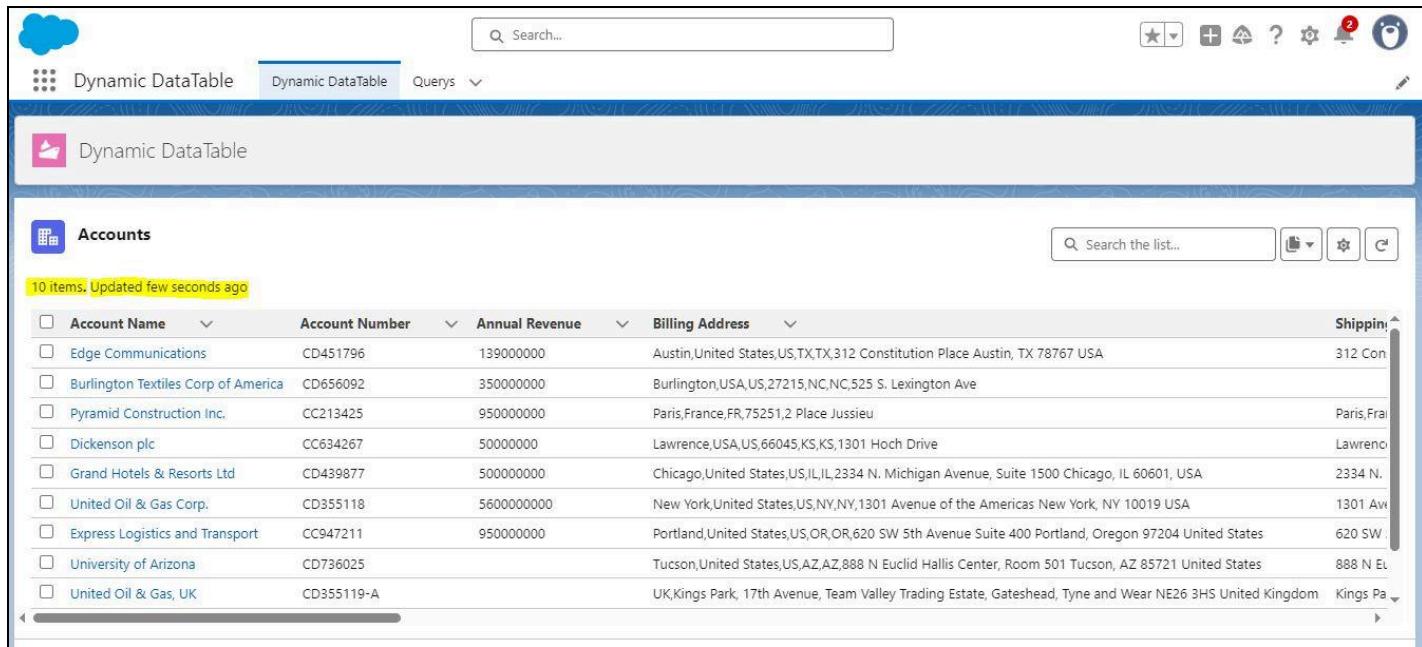
## Reduced Memory Usage

Only a subset of data is kept in memory at any given time, which is particularly advantageous for devices with limited resources.

## Enhanced User Experience

Users experience smoother and faster interactions, as they don't have to wait for the entire dataset to load before they can start interacting with the table. When the vertical scrollbar reaches the bottom or dragging, more data is loaded in the DynamicDataTable. The loading indicator indicates that more data is being fetched.

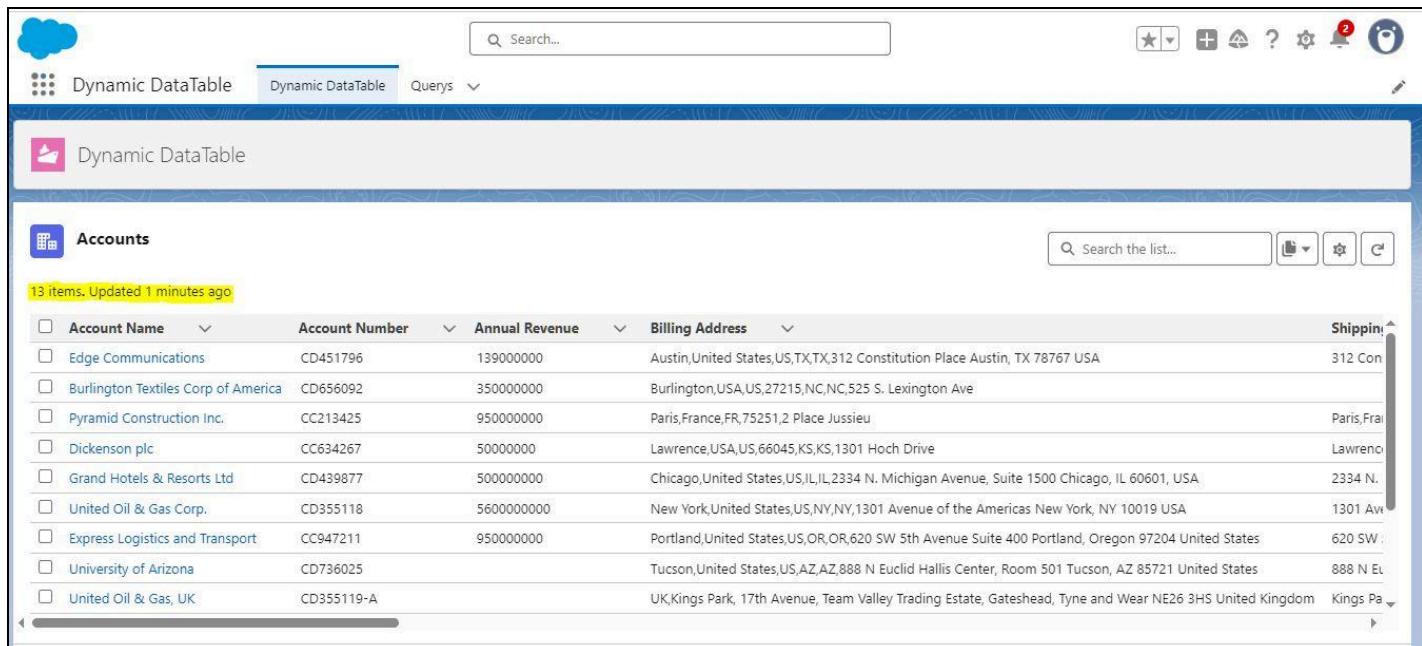
The data displayed in the **DynamicDataTable** at the time of loading includes a **Timestamp** indicating when the table was populated.



Account Name	Account Number	Annual Revenue	Billing Address	Shipping
Edge Communications	CD451796	139000000	Austin,United States,US,TX,TX,312 Constitution Place Austin, TX 78767 USA	312 Con
Burlington Textiles Corp of America	CD656092	350000000	Burlington,USA,US,27215,NC,NC,525 S. Lexington Ave	
Pyramid Construction Inc.	CC213425	950000000	Paris,France,FR,75251,2 Place Jussieu	Paris,Fra
Dickenson plc	CC634267	50000000	Lawrence,USA,US,66045,KS,KS,1301 Hoch Drive	Lawreno
Grand Hotels & Resorts Ltd	CD439877	500000000	Chicago,United States,US,IL,IL,2334 N. Michigan Avenue, Suite 1500 Chicago, IL 60601, USA	2334 N.
United Oil & Gas Corp.	CD355118	560000000	New York,United States,US,NY,NY,1301 Avenue of the Americas New York, NY 10019 USA	1301 Av
Express Logistics and Transport	CC947211	950000000	Portland,United States,US,OR,OR,620 SW 5th Avenue Suite 400 Portland, Oregon 97204 United States	620 SW
University of Arizona	CD736025		Tucson,United States,US,AZ,AZ,888 N Euclid Hallis Center, Room 501 Tucson, AZ 85721 United States	888 N Eu
United Oil & Gas, UK	CD355119-A		UK,Kings Park, 17th Avenue, Team Valley Trading Estate, Gateshead, Tyne and Wear NE26 3HS United Kingdom	Kings Pa

**Note: Lazy loading is applicable only for SOQL Datasource as of now in the DynamicDataTable.**

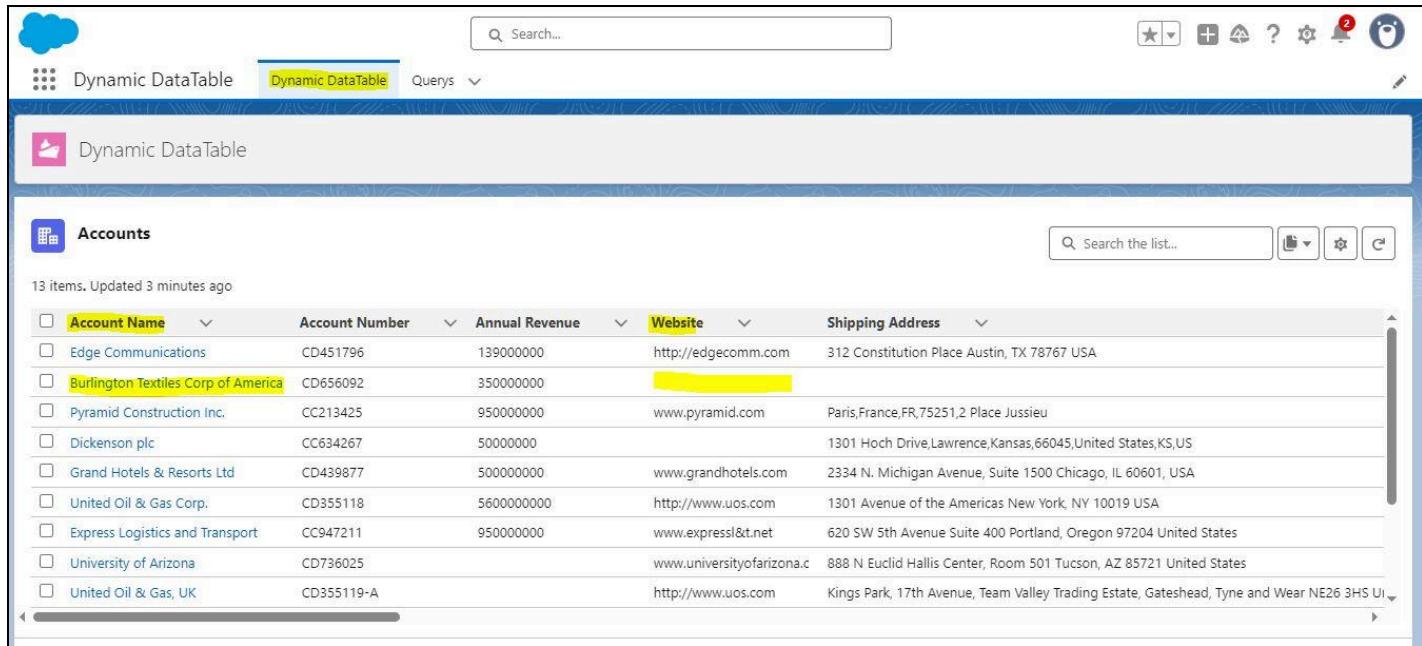
The following screenshots illustrate the number of records loaded as the vertical scroll is dragged. The record count is dynamically updated as additional records are loaded into the **DynamicDataTable**.



Account Name	Account Number	Annual Revenue	Billing Address	Shipping
Edge Communications	CD451796	139000000	Austin,United States,US,TX,TX,312 Constitution Place Austin, TX 78767 USA	312 Con
Burlington Textiles Corp of America	CD656092	350000000	Burlington,USA,US,27215,NC,NC,525 S. Lexington Ave	
Pyramid Construction Inc.	CC213425	950000000	Paris,France,FR,75251,2 Place Jussieu	Paris,Fra
Dickenson plc	CC634267	50000000	Lawrence,USA,US,66045,KS,KS,1301 Hoch Drive	Lawreno
Grand Hotels & Resorts Ltd	CD439877	500000000	Chicago,United States,US,IL,IL,2334 N. Michigan Avenue, Suite 1500 Chicago, IL 60601, USA	2334 N.
United Oil & Gas Corp.	CD355118	560000000	New York,United States,US,NY,NY,1301 Avenue of the Americas New York, NY 10019 USA	1301 Av
Express Logistics and Transport	CC947211	950000000	Portland,United States,US,OR,OR,620 SW 5th Avenue Suite 400 Portland, Oregon 97204 United States	620 SW
University of Arizona	CD736025		Tucson,United States,US,AZ,AZ,888 N Euclid Hallis Center, Room 501 Tucson, AZ 85721 United States	888 N Eu
United Oil & Gas, UK	CD355119-A		UK,Kings Park, 17th Avenue, Team Valley Trading Estate, Gateshead, Tyne and Wear NE26 3HS United Kingdom	Kings Pa

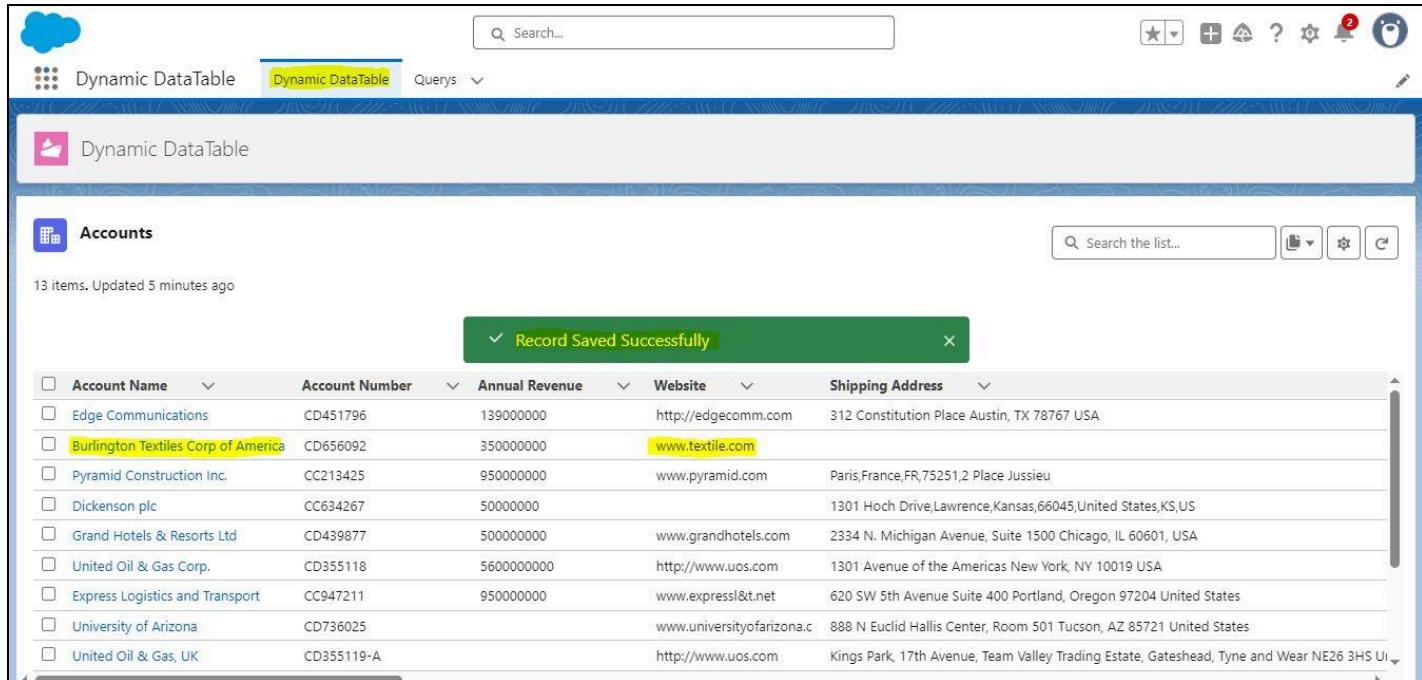
**Inline Editing-** The inline edit function allows for easy and convenient editing.

## Editing- Text Field Value



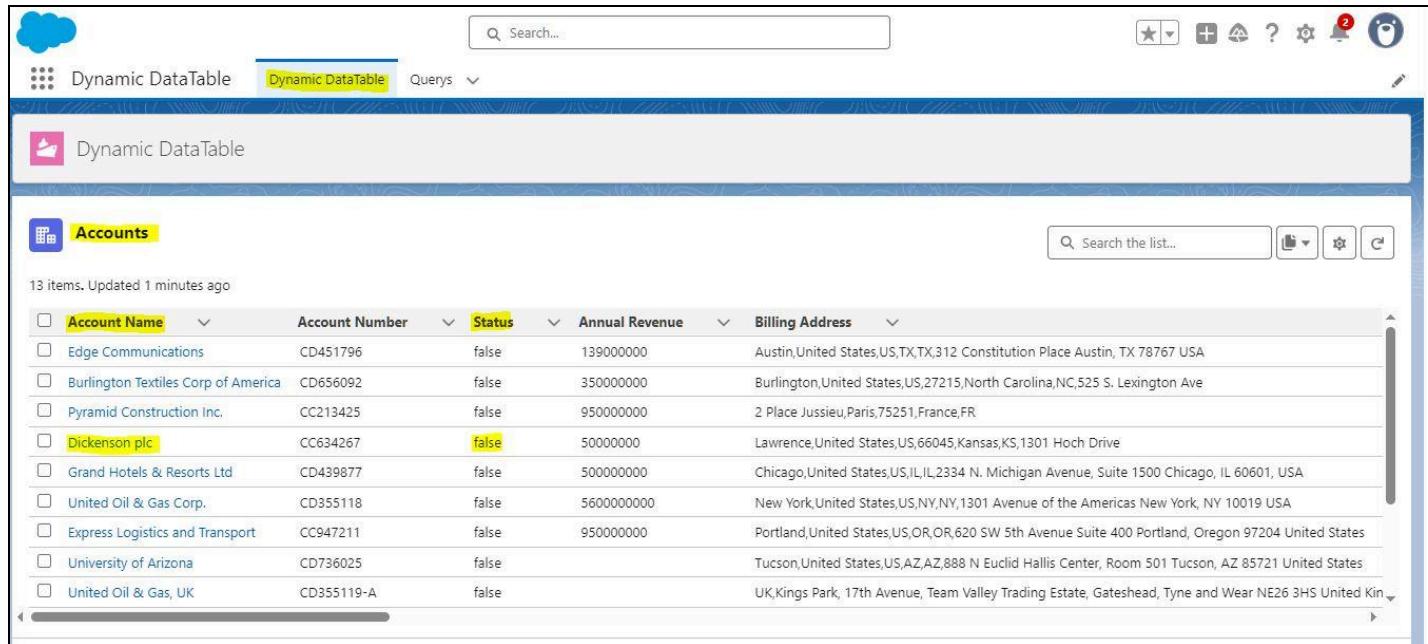
<input type="checkbox"/> Account Name	Account Number	Annual Revenue	Website	Shipping Address
Edge Communications	CD451796	139000000	http://edgecomm.com	312 Constitution Place Austin, TX 78767 USA
Burlington Textiles Corp of America	CD656092	350000000	www.textile.com	
Pyramid Construction Inc.	CC213425	950000000	www.pyramid.com	Paris,France,FR,75251,2 Place Jussieu
Dickenson plc	CC634267	50000000		1301 Hoch Drive, Lawrence, Kansas, 66045, United States, KS, US
Grand Hotels & Resorts Ltd	CD439877	50000000	www.grandhotels.com	2334 N. Michigan Avenue, Suite 1500 Chicago, IL 60601, USA
United Oil & Gas Corp.	CD355118	560000000	http://www.uos.com	1301 Avenue of the Americas New York, NY 10019 USA
Express Logistics and Transport	CC947211	950000000	www.expressl&t.net	620 SW 5th Avenue Suite 400 Portland, Oregon 97204 United States
University of Arizona	CD736025		www.universityofarizona.c	888 N Euclid Hallis Center, Room 501 Tucson, AZ 85721 United States
United Oil & Gas, UK	CD355119-A		http://www.uos.com	Kings Park, 17th Avenue, Team Valley Trading Estate, Gateshead, Tyne and Wear NE26 3HS UI

When the values in a **Text Field** are modified and saved, the changes are reflected and displayed as illustrated below.



<input type="checkbox"/> Account Name	Account Number	Annual Revenue	Website	Shipping Address
Edge Communications	CD451796	139000000	http://edgecomm.com	312 Constitution Place Austin, TX 78767 USA
Burlington Textiles Corp of America	CD656092	350000000	www.textile.com	
Pyramid Construction Inc.	CC213425	950000000	www.pyramid.com	Paris,France,FR,75251,2 Place Jussieu
Dickenson plc	CC634267	50000000		1301 Hoch Drive, Lawrence, Kansas, 66045, United States, KS, US
Grand Hotels & Resorts Ltd	CD439877	50000000	www.grandhotels.com	2334 N. Michigan Avenue, Suite 1500 Chicago, IL 60601, USA
United Oil & Gas Corp.	CD355118	560000000	http://www.uos.com	1301 Avenue of the Americas New York, NY 10019 USA
Express Logistics and Transport	CC947211	950000000	www.expressl&t.net	620 SW 5th Avenue Suite 400 Portland, Oregon 97204 United States
University of Arizona	CD736025		www.universityofarizona.c	888 N Euclid Hallis Center, Room 501 Tucson, AZ 85721 United States
United Oil & Gas, UK	CD355119-A		http://www.uos.com	Kings Park, 17th Avenue, Team Valley Trading Estate, Gateshead, Tyne and Wear NE26 3HS UI

## Editing- Checkbox Field Value



Dynamic DataTable

Dynamic DataTable Queries

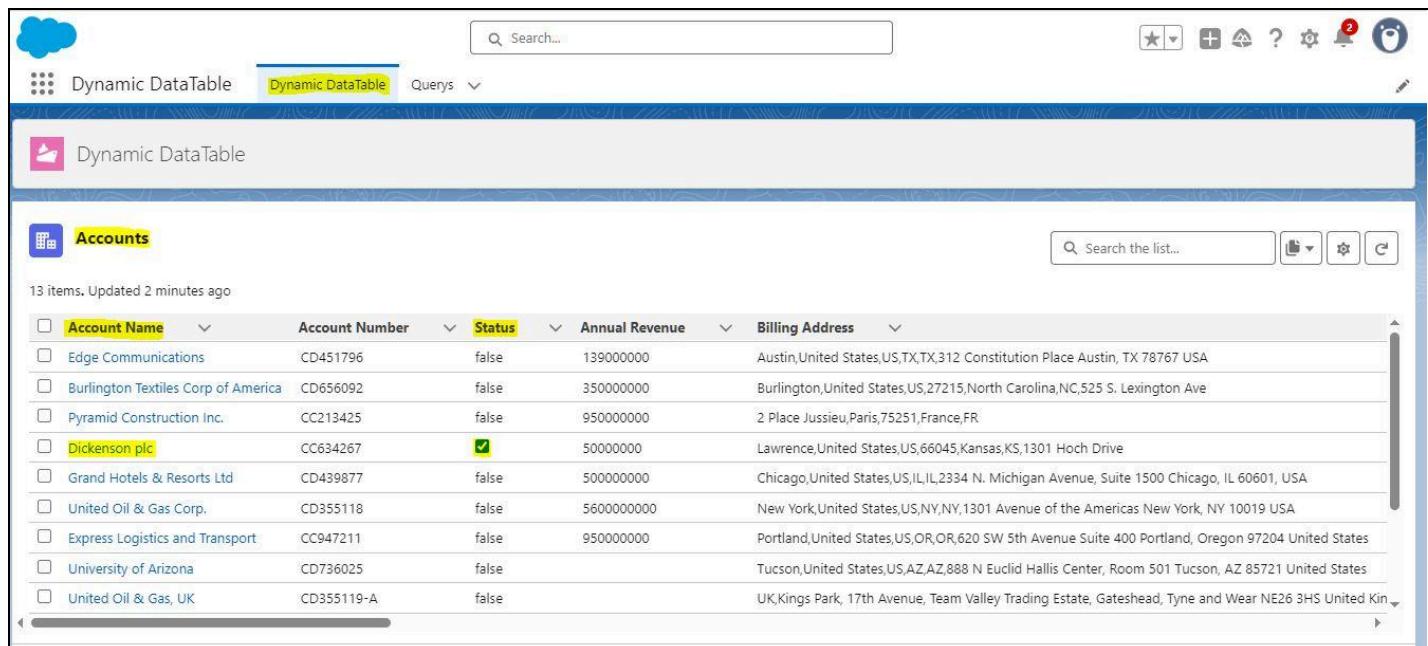
Dynamic DataTable

Accounts

13 items. Updated 1 minutes ago

<input type="checkbox"/>	Account Name	Account Number	Status	Annual Revenue	Billing Address
<input type="checkbox"/>	Edge Communications	CD451796	false	139000000	Austin,United States,US,TX,TX,312 Constitution Place Austin, TX 78767 USA
<input type="checkbox"/>	Burlington Textiles Corp of America	CD656092	false	350000000	Burlington,United States,US,27215,North Carolina,NC,525 S. Lexington Ave
<input type="checkbox"/>	Pyramid Construction Inc.	CC213425	false	950000000	2 Place Jussieu,Paris,75251,France,FR
<input type="checkbox"/>	Dickenson plc	CC634267	false	50000000	Lawrence,United States,US,66045,Kansas,KS,1301 Hoch Drive
<input type="checkbox"/>	Grand Hotels & Resorts Ltd	CD439877	false	500000000	Chicago,United States,US,IL,IL,2334 N. Michigan Avenue, Suite 1500 Chicago, IL 60601, USA
<input type="checkbox"/>	United Oil & Gas Corp.	CD355118	false	5600000000	New York,United States,US,NY,NY,1301 Avenue of the Americas New York, NY 10019 USA
<input type="checkbox"/>	Express Logistics and Transport	CC947211	false	950000000	Portland,United States,US,OR,OR,620 SW 5th Avenue Suite 400 Portland, Oregon 97204 United States
<input type="checkbox"/>	University of Arizona	CD736025	false		Tucson,United States,US,AZ,AZ,888 N Euclid Hallis Center, Room 501 Tucson, AZ 85721 United States
<input type="checkbox"/>	United Oil & Gas, UK	CD355119-A	false		UK,Kings Park, 17th Avenue, Team Valley Trading Estate, Gateshead, Tyne and Wear NE26 3HS United Kin

When the values in a **Checkbox Field** are modified and saved, the updated state of the field is displayed as shown below.



Dynamic DataTable

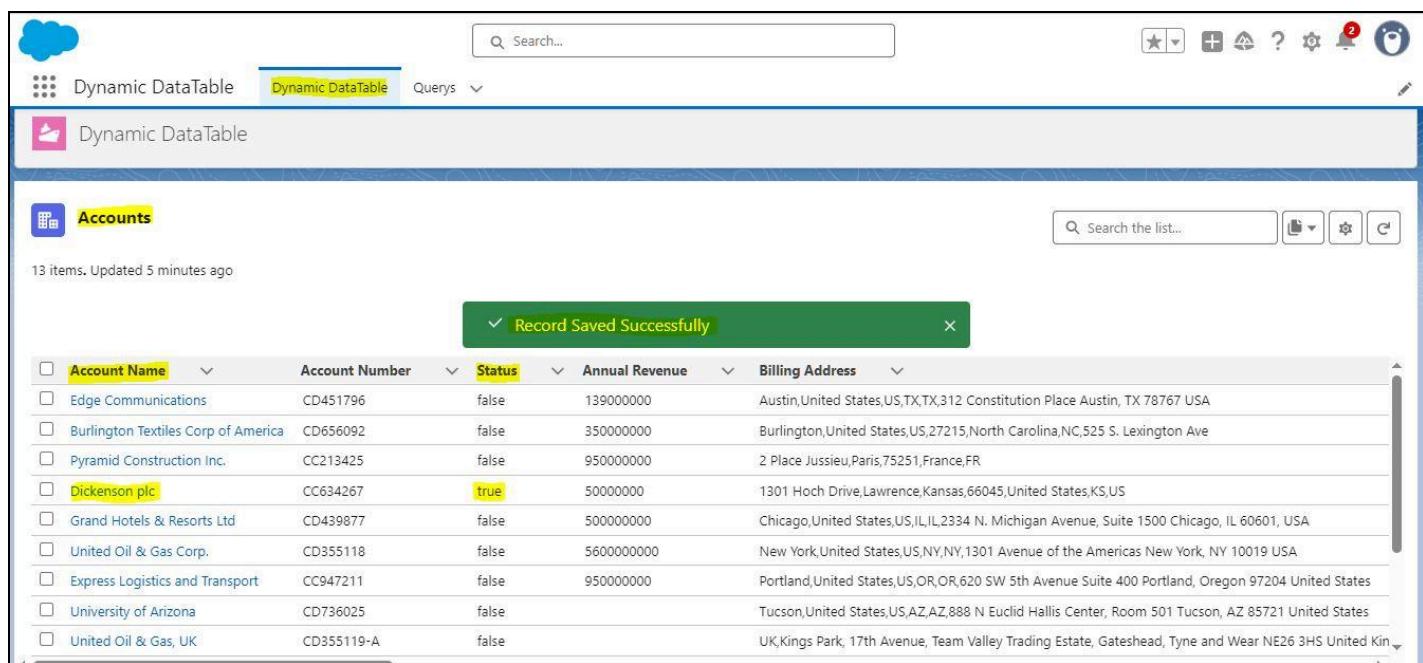
Dynamic DataTable Queries

Dynamic DataTable

Accounts

13 items. Updated 2 minutes ago

<input type="checkbox"/>	Account Name	Account Number	Status	Annual Revenue	Billing Address
<input type="checkbox"/>	Edge Communications	CD451796	false	139000000	Austin,United States,US,TX,TX,312 Constitution Place Austin, TX 78767 USA
<input type="checkbox"/>	Burlington Textiles Corp of America	CD656092	false	350000000	Burlington,United States,US,27215,North Carolina,NC,525 S. Lexington Ave
<input type="checkbox"/>	Pyramid Construction Inc.	CC213425	false	950000000	2 Place Jussieu,Paris,75251,France,FR
<input type="checkbox"/>	Dickenson plc	CC634267	true	50000000	Lawrence,United States,US,66045,Kansas,KS,1301 Hoch Drive
<input type="checkbox"/>	Grand Hotels & Resorts Ltd	CD439877	false	500000000	Chicago,United States,US,IL,IL,2334 N. Michigan Avenue, Suite 1500 Chicago, IL 60601, USA
<input type="checkbox"/>	United Oil & Gas Corp.	CD355118	false	5600000000	New York,United States,US,NY,NY,1301 Avenue of the Americas New York, NY 10019 USA
<input type="checkbox"/>	Express Logistics and Transport	CC947211	false	950000000	Portland,United States,US,OR,OR,620 SW 5th Avenue Suite 400 Portland, Oregon 97204 United States
<input type="checkbox"/>	University of Arizona	CD736025	false		Tucson,United States,US,AZ,AZ,888 N Euclid Hallis Center, Room 501 Tucson, AZ 85721 United States
<input type="checkbox"/>	United Oil & Gas, UK	CD355119-A	false		UK,Kings Park, 17th Avenue, Team Valley Trading Estate, Gateshead, Tyne and Wear NE26 3HS United Kin



Dynamic DataTable    Dynamic DataTable    Queries

**Dynamic DataTable**

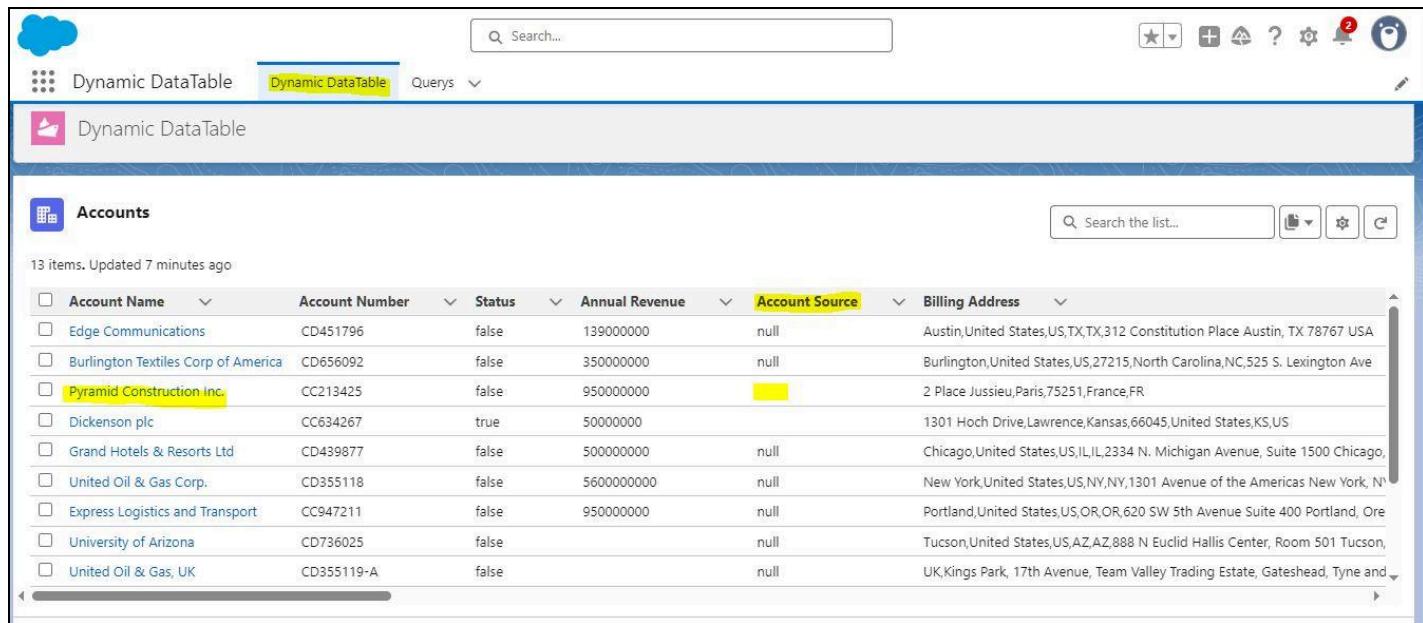
**Accounts**

13 items. Updated 5 minutes ago.

✓ Record Saved Successfully

Account Name	Account Number	Status	Annual Revenue	Billing Address
Edge Communications	CD451796	false	139000000	Austin,United States,US,TX,TX,312 Constitution Place Austin, TX 78767 USA
Burlington Textiles Corp of America	CD656092	false	350000000	Burlington,United States,US,27215,North Carolina,NC,525 S. Lexington Ave
Pyramid Construction Inc.	CC213425	false	950000000	2 Place Jussieu,Paris,75251,France,FR
Dickenson plc	CC634267	true	50000000	1301 Hoch Drive,Lawrence,Kansas,66045,United States,KS,US
Grand Hotels & Resorts Ltd	CD439877	false	500000000	Chicago,United States,US,IL,IL,2334 N. Michigan Avenue, Suite 1500 Chicago, IL 60601, USA
United Oil & Gas Corp.	CD355118	false	5600000000	New York,United States,US,NY,NY,1301 Avenue of the Americas New York, NY 10019 USA
Express Logistics and Transport	CC947211	false	950000000	Portland,United States,US,OR,OR,620 SW 5th Avenue Suite 400 Portland, Oregon 97204 United States
University of Arizona	CD736025	false		Tucson,United States,US,AZ,AZ,888 N Euclid Hallis Center, Room 501 Tucson, AZ 85721 United States
United Oil & Gas, UK	CD355119-A	false		UK,Kings Park, 17th Avenue, Team Valley Trading Estate, Gateshead, Tyne and Wear NE26 3HS United Kingdom

## Editing- Picklist Field Values



Dynamic DataTable    Dynamic DataTable    Queries

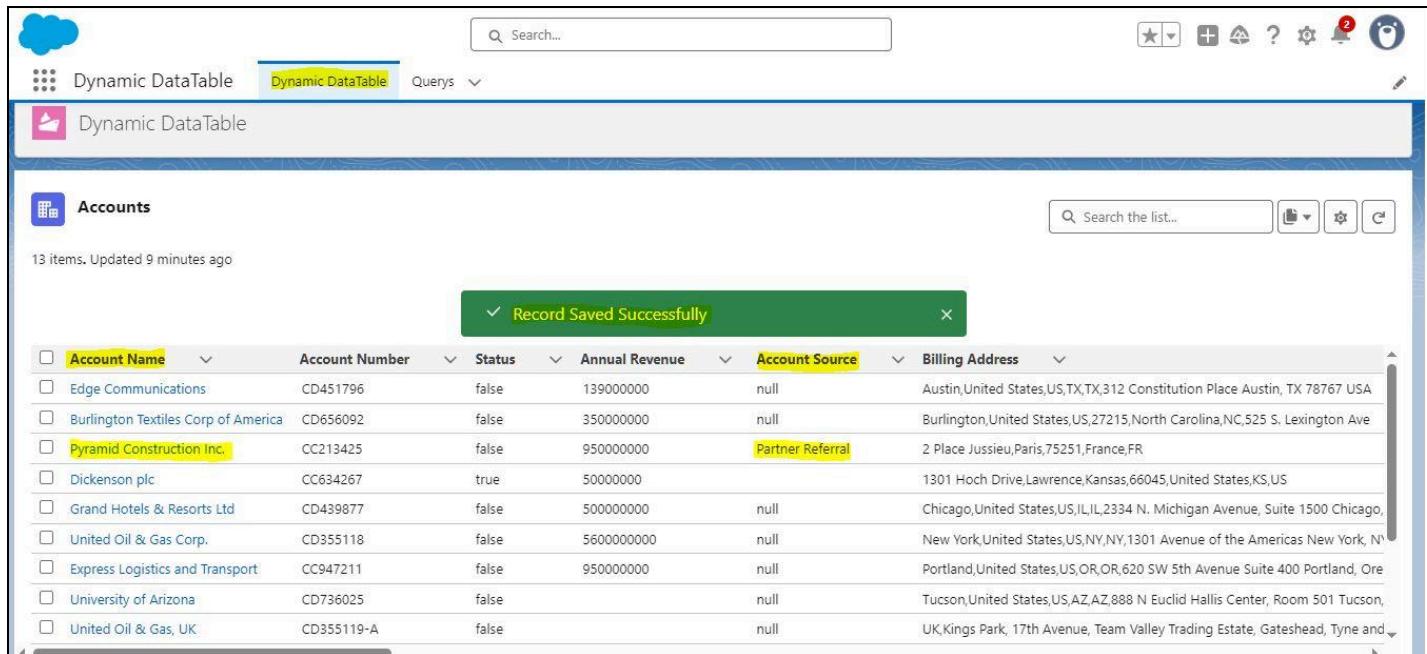
**Dynamic DataTable**

**Accounts**

13 items. Updated 7 minutes ago.

Account Name	Account Number	Status	Annual Revenue	Account Source	Billing Address
Edge Communications	CD451796	false	139000000	null	Austin,United States,US,TX,TX,312 Constitution Place Austin, TX 78767 USA
Burlington Textiles Corp of America	CD656092	false	350000000	null	Burlington,United States,US,27215,North Carolina,NC,525 S. Lexington Ave
Pyramid Construction Inc.	CC213425	false	950000000	?	2 Place Jussieu,Paris,75251,France,FR
Dickenson plc	CC634267	true	50000000		1301 Hoch Drive,Lawrence,Kansas,66045,United States,KS,US
Grand Hotels & Resorts Ltd	CD439877	false	500000000	null	Chicago,United States,US,IL,IL,2334 N. Michigan Avenue, Suite 1500 Chicago, IL 60601, USA
United Oil & Gas Corp.	CD355118	false	5600000000	null	New York,United States,US,NY,NY,1301 Avenue of the Americas New York, NY 10019 USA
Express Logistics and Transport	CC947211	false	950000000	null	Portland,United States,US,OR,OR,620 SW 5th Avenue Suite 400 Portland, Oregon 97204 United States
University of Arizona	CD736025	false		null	Tucson,United States,US,AZ,AZ,888 N Euclid Hallis Center, Room 501 Tucson, AZ 85721 United States
United Oil & Gas, UK	CD355119-A	false		null	UK,Kings Park, 17th Avenue, Team Valley Trading Estate, Gateshead, Tyne and Wear NE26 3HS United Kingdom

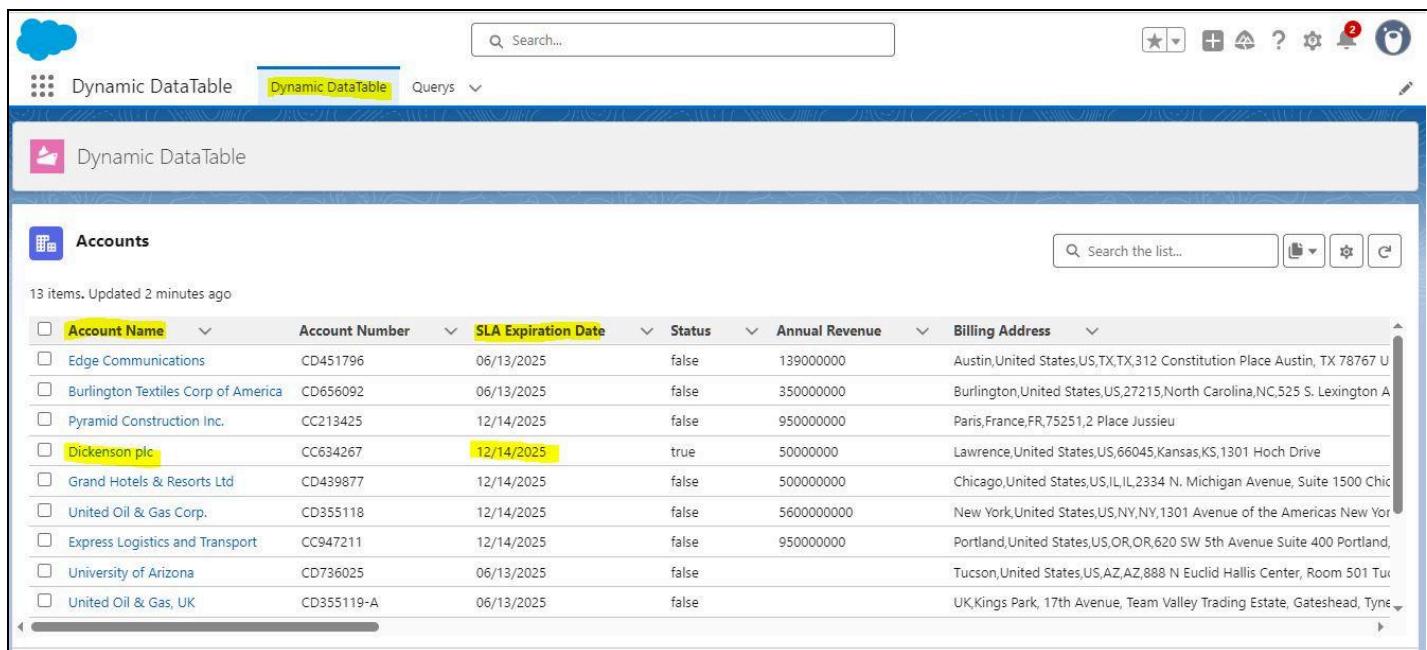
When the values in a **Picklist Field** are updated and saved, the modified selections are reflected and displayed as illustrated below.



The screenshot shows a Salesforce-style interface for a 'Dynamic DataTable'. The top navigation bar includes a cloud icon, 'Dynamic DataTable' tabs, a search bar, and various system icons. Below the header, a sub-header says 'Dynamic DataTable' and 'Accounts'. A message box at the top center says 'Record Saved Successfully'. The main area is a table with columns: Account Name, Account Number, Status, Annual Revenue, Account Source, and Billing Address. One row in the table has its 'Account Source' field highlighted in yellow, indicating it was just updated. The table contains 13 items, last updated 9 minutes ago.

Account Name	Account Number	Status	Annual Revenue	Account Source	Billing Address
Edge Communications	CD451796	false	139000000	null	Austin,United States,US,TX,TX,312 Constitution Place Austin, TX 78767 USA
Burlington Textiles Corp of America	CD656092	false	350000000	null	Burlington,United States,US,27215,North Carolina,NC,525 S. Lexington Ave
Pyramid Construction Inc.	CC213425	false	950000000	Partner Referral	2 Place Jussieu,Paris,75251,France,FR
Dickenson plc	CC634267	true	50000000		1301 Hoch Drive,Lawrence,Kansas,66045,United States,KS,US
Grand Hotels & Resorts Ltd	CD439877	false	500000000	null	Chicago,United States,US,IL,IL,2334 N. Michigan Avenue, Suite 1500 Chicago, IL 60611 USA
United Oil & Gas Corp.	CD355118	false	5600000000	null	New York,United States,US,NY,NY,1301 Avenue of the Americas New York, NY 10019 USA
Express Logistics and Transport	CC947211	false	950000000	null	Portland,United States,US,OR,OR,620 SW 5th Avenue Suite 400 Portland, Oregon 97204 USA
University of Arizona	CD736025	false		null	Tucson,United States,US,AZ,AZ,888 N Euclid Hallis Center, Room 501 Tucson, AZ 85701 USA
United Oil & Gas, UK	CD355119-A	false		null	UK,Kings Park, 17th Avenue, Team Valley Trading Estate, Gateshead, Tyne and Wear NE10 8BL United Kingdom

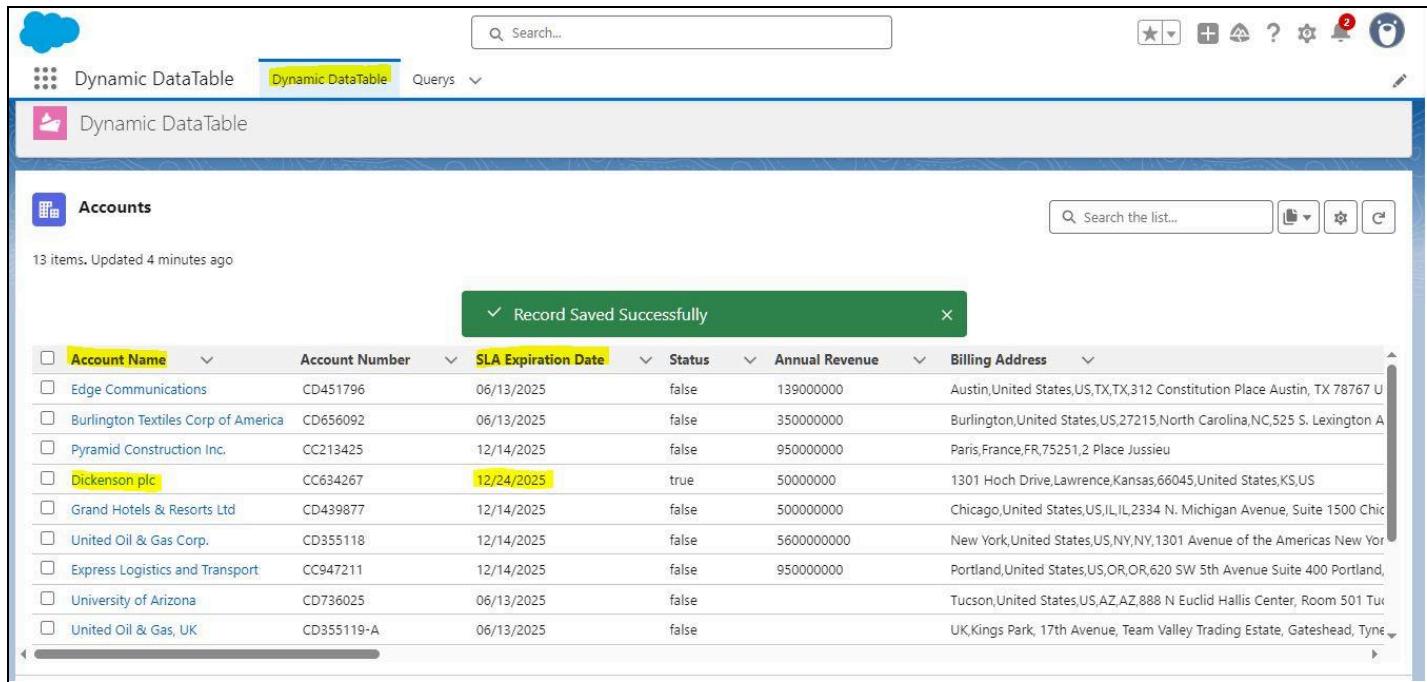
## Editing- Date Field Value



This screenshot shows the same Salesforce-style interface after editing. The 'SLA Expiration Date' column for the 'Dickenson plc' row now displays the value '12/14/2025', which is highlighted in yellow. The rest of the table and interface elements remain the same, showing 13 items updated 2 minutes ago.

Account Name	Account Number	SLA Expiration Date	Status	Annual Revenue	Billing Address
Edge Communications	CD451796	06/13/2025	false	139000000	Austin,United States,US,TX,TX,312 Constitution Place Austin, TX 78767 USA
Burlington Textiles Corp of America	CD656092	06/13/2025	false	350000000	Burlington,United States,US,27215,North Carolina,NC,525 S. Lexington Ave
Pyramid Construction Inc.	CC213425	12/14/2025	false	950000000	Paris,France,FR,75251,2 Place Jussieu
Dickenson plc	CC634267	12/14/2025	true	50000000	Lawrence,United States,US,66045,Kansas,KS,1301 Hoch Drive
Grand Hotels & Resorts Ltd	CD439877	12/14/2025	false	500000000	Chicago,United States,US,IL,IL,2334 N. Michigan Avenue, Suite 1500 Chicago, IL 60611 USA
United Oil & Gas Corp.	CD355118	12/14/2025	false	5600000000	New York,United States,US,NY,NY,1301 Avenue of the Americas New York, NY 10019 USA
Express Logistics and Transport	CC947211	12/14/2025	false	950000000	Portland,United States,US,OR,OR,620 SW 5th Avenue Suite 400 Portland, Oregon 97204 USA
University of Arizona	CD736025	06/13/2025	false		Tucson,United States,US,AZ,AZ,888 N Euclid Hallis Center, Room 501 Tucson, AZ 85701 USA
United Oil & Gas, UK	CD355119-A	06/13/2025	false		UK,Kings Park, 17th Avenue, Team Valley Trading Estate, Gateshead, Tyne and Wear NE10 8BL United Kingdom

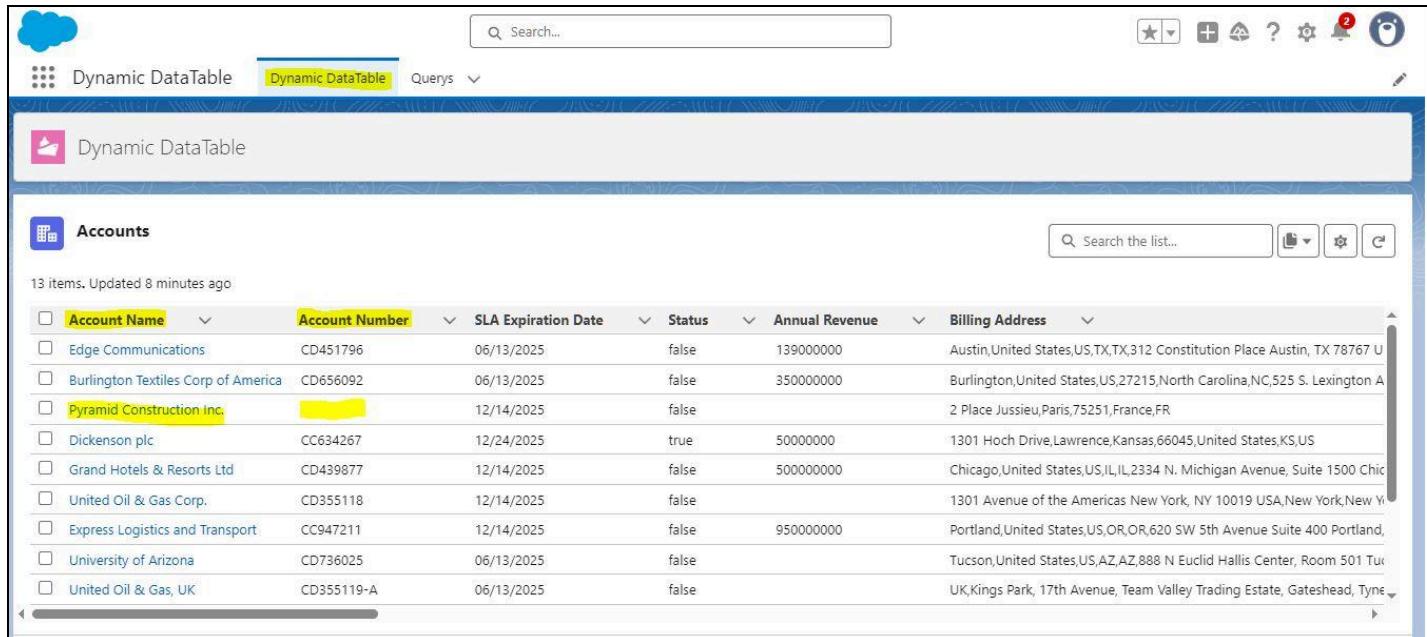
When the Date field values are edited and click save, the edited field shows as follows.



The screenshot shows a screenshot of a web application interface. At the top, there's a navigation bar with a cloud icon, the text "Dynamic DataTable", "Dynamic DataTable" (highlighted in yellow), and "Queries". Below the navigation is a toolbar with icons for search, refresh, and other operations. The main area is titled "Dynamic DataTable" and "Accounts". It displays a table with 13 items, updated 4 minutes ago. The table has columns: Account Name, Account Number, SLA Expiration Date, Status, Annual Revenue, and Billing Address. A message box at the top center says "Record Saved Successfully". The "SLA Expiration Date" column for the row containing "Dickenson plc" is highlighted in yellow and shows the value "12/24/2025".

Account Name	Account Number	SLA Expiration Date	Status	Annual Revenue	Billing Address
Edge Communications	CD451796	06/13/2025	false	139000000	Austin,United States,US,TX,TX,312 Constitution Place Austin, TX 78767 U
Burlington Textiles Corp of America	CD656092	06/13/2025	false	350000000	Burlington,United States,US,27215,North Carolina,NC,525 S. Lexington A
Pyramid Construction Inc.	CC213425	12/14/2025	false	950000000	Paris,France,FR,75251,2 Place Jussieu
Dickenson plc	CC634267	12/24/2025	true	50000000	1301 Hoch Drive,Lawrence,Kansas,66045,United States,KS,US
Grand Hotels & Resorts Ltd	CD439877	12/14/2025	false	500000000	Chicago,United States,US,IL,IL,2334 N. Michigan Avenue, Suite 1500 Chic
United Oil & Gas Corp.	CD355118	12/14/2025	false	5600000000	New York,United States,US,NY,NY,1301 Avenue of the Americas New Yor
Express Logistics and Transport	CC947211	12/14/2025	false	950000000	Portland,United States,US,OR,OR,620 SW 5th Avenue Suite 400 Portland,
University of Arizona	CD736025	06/13/2025	false		Tucson,United States,US,AZ,AZ,888 N Euclid Hallis Center, Room 501 Tu
United Oil & Gas, UK	CD355119-A	06/13/2025	false		UK,Kings Park, 17th Avenue, Team Valley Trading Estate, Gateshead, Tyne

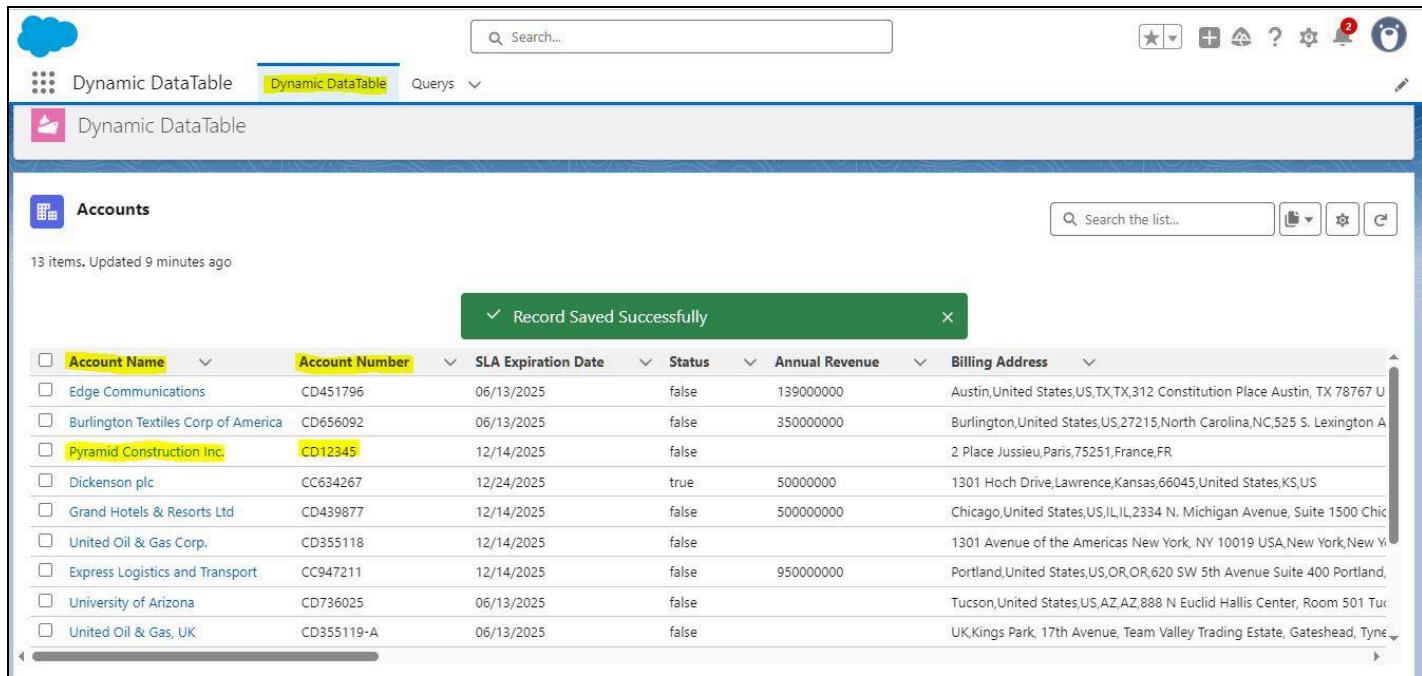
## Editing- Number Field Value



This screenshot is identical to the one above it, showing the same web application interface and table data. The difference is in the "SLA Expiration Date" column for the row containing "Pyramid Construction inc.", which now shows the value "12/14/2025" instead of "12/24/2025".

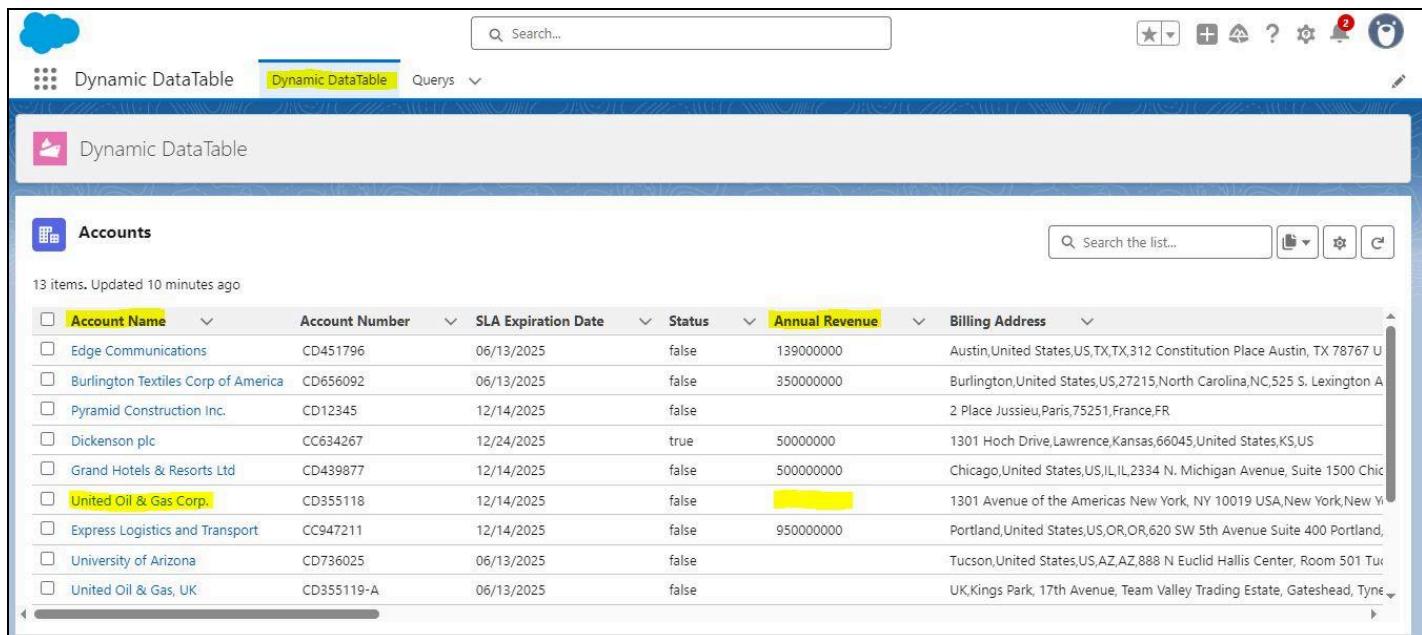
Account Name	Account Number	SLA Expiration Date	Status	Annual Revenue	Billing Address
Edge Communications	CD451796	06/13/2025	false	139000000	Austin,United States,US,TX,TX,312 Constitution Place Austin, TX 78767 U
Burlington Textiles Corp of America	CD656092	06/13/2025	false	350000000	Burlington,United States,US,27215,North Carolina,NC,525 S. Lexington A
Pyramid Construction inc.	[REDACTED]	12/14/2025	false		2 Place Jussieu,Paris,75251,France,FR
Dickenson plc	CC634267	12/24/2025	true	50000000	1301 Hoch Drive,Lawrence,Kansas,66045,United States,KS,US
Grand Hotels & Resorts Ltd	CD439877	12/14/2025	false	500000000	Chicago,United States,US,IL,IL,2334 N. Michigan Avenue, Suite 1500 Chic
United Oil & Gas Corp.	CD355118	12/14/2025	false		1301 Avenue of the Americas New York, NY 10019 USA,New York,New Y
Express Logistics and Transport	CC947211	12/14/2025	false	950000000	Portland,United States,US,OR,OR,620 SW 5th Avenue Suite 400 Portland,
University of Arizona	CD736025	06/13/2025	false		Tucson,United States,US,AZ,AZ,888 N Euclid Hallis Center, Room 501 Tu
United Oil & Gas, UK	CD355119-A	06/13/2025	false		UK,Kings Park, 17th Avenue, Team Valley Trading Estate, Gateshead, Tyne

After editing the number field, the updated data is displayed below.



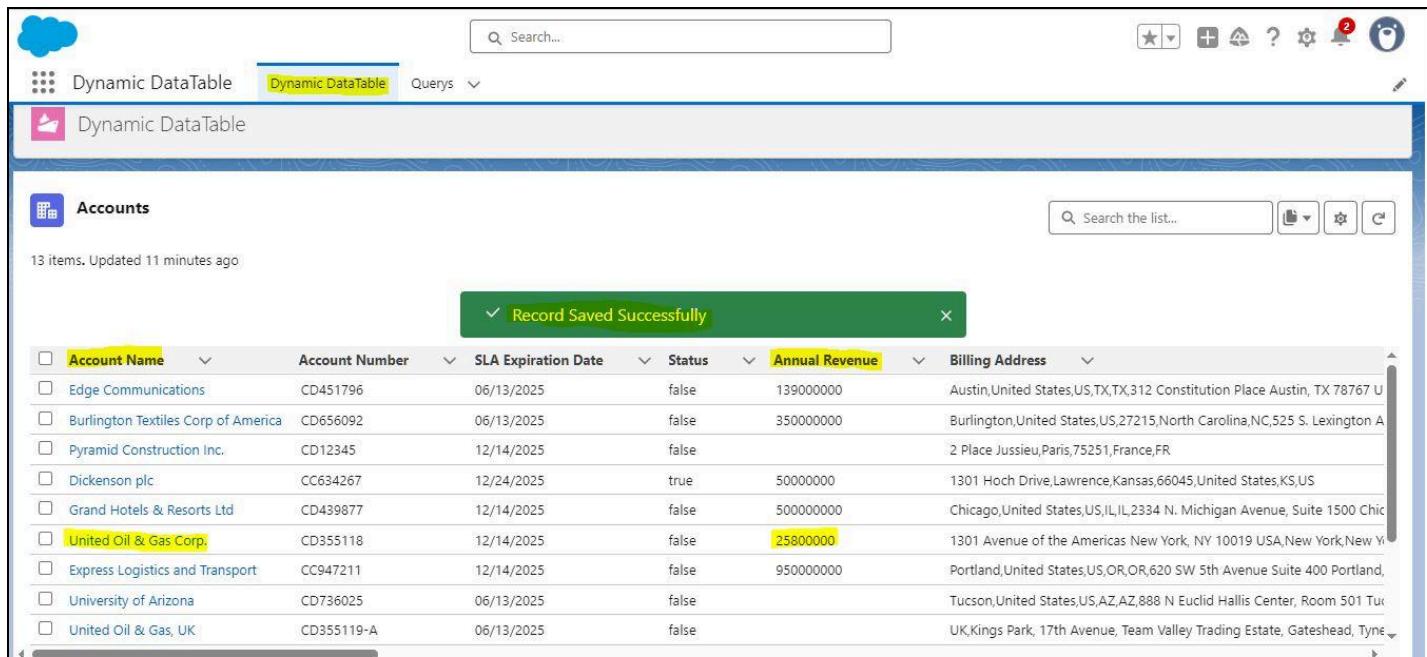
The screenshot shows a Dynamic DataTable interface. At the top, there are tabs for "Dynamic DataTable" and "Dynamic DataTable" (highlighted in yellow). Below the tabs, there's a search bar and a toolbar with various icons. The main area is titled "Dynamic DataTable" and contains a sub-section titled "Accounts". A green success message box is centered at the top of the list: "✓ Record Saved Successfully". The table has columns: Account Name, Account Number, SLA Expiration Date, Status, Annual Revenue, and Billing Address. One row in the table has its "Account Number" column highlighted in yellow, matching the tab color. The data rows include entries for Edge Communications, Burlington Textiles Corp of America, Pyramid Construction Inc., Dickenson plc, Grand Hotels & Resorts Ltd, United Oil & Gas Corp., Express Logistics and Transport, University of Arizona, and United Oil & Gas, UK.

## Editing- Currency Field Value



This screenshot shows the same Dynamic DataTable interface as the previous one, but with a different state. The "Annual Revenue" column for the "United Oil & Gas Corp." row is highlighted in yellow, indicating it is currently selected or being edited. The rest of the table and interface elements are identical to the first screenshot.

When the Currency field values are edited and click save, the edited field shows as follows.

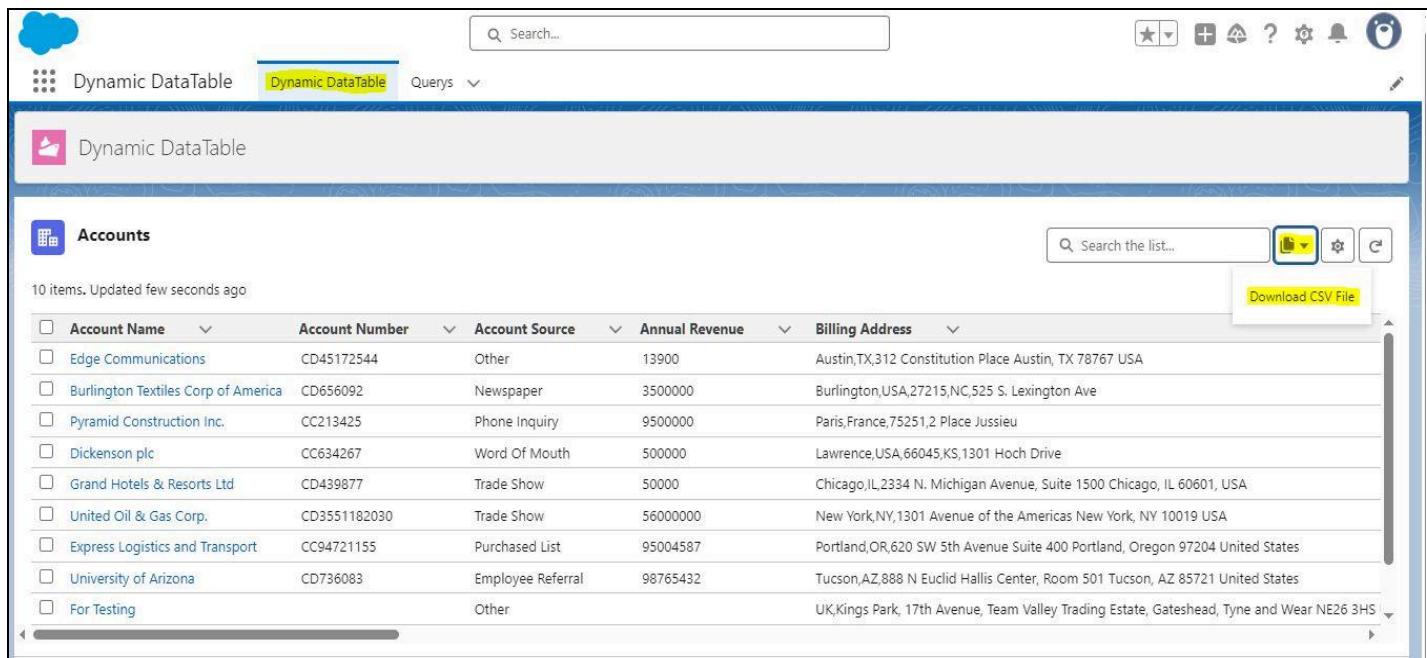


A screenshot of a Salesforce application window titled "Dynamic DataTable". The main content area is titled "Accounts" and displays a list of 13 items. A success message "Record Saved Successfully" is centered above the table. The table has columns: Account Name, Account Number, SLA Expiration Date, Status, Annual Revenue, and Billing Address. The "Annual Revenue" column for the last row contains the value "25800000", which is highlighted with a yellow background. The "Billing Address" for the same row is "1301 Avenue of the Americas New York, NY 10019 USA, New York, New York". The status bar at the bottom indicates "13 items. Updated 11 minutes ago".

## Export Functionality

In Salesforce, dynamic data tables (often built using Lightning components) offer flexible ways to display and manage large datasets. Export functionality enables users to extract this data for external use, such as reporting, analysis, or sharing.

### Export csv File



A screenshot of a Salesforce application window titled "Dynamic DataTable". The main content area is titled "Accounts" and displays a list of 10 items. A "Download CSV File" button is visible in the top right corner of the table header. The table has columns: Account Name, Account Number, Account Source, Annual Revenue, and Billing Address. The "Annual Revenue" column for the last row contains the value "98765432", which is highlighted with a yellow background. The "Billing Address" for the same row is "UK,Kings Park, 17th Avenue, Team Valley Trading Estate, Gateshead, Tyne and Wear NE26 3HS". The status bar at the bottom indicates "10 items. Updated few seconds ago".

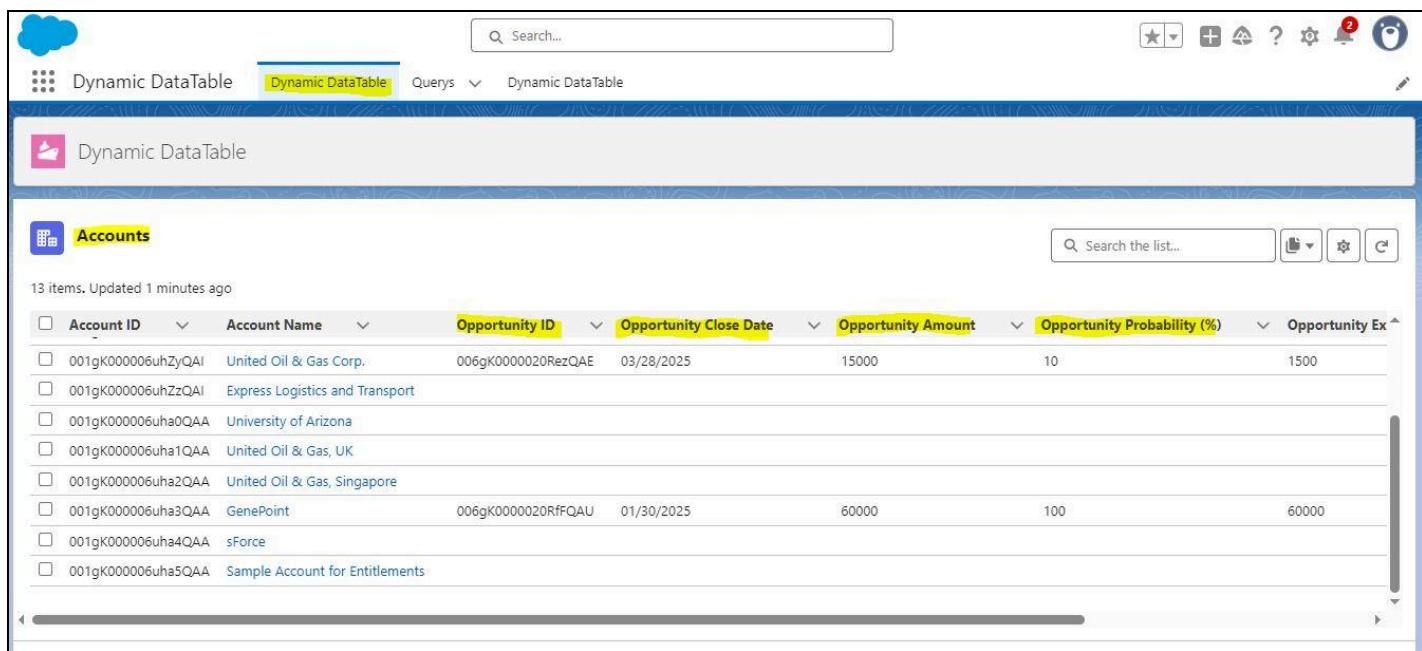
## Inline Editing for Related Object in DynamicDataTable

This document outlines how to implement and use the Inline Editing functionality for related objects within a Dynamic Data Table in Salesforce. Inline editing is a powerful feature that allows users to quickly update records directly from the data table.

This refers to objects linked via relationships in Salesforce. For example, an [Opportunity](#) can be a related object to an [Account](#).

**SOQL query example-** [Select Id,Name,](#)

[Opportunity\\_\\_c,Opportunity\\_\\_r.CloseDate,Opportunity\\_\\_r.Amount,Opportunity\\_\\_r.Probability,Opportunity\\_\\_r.ExpectedRevenue](#) from Account



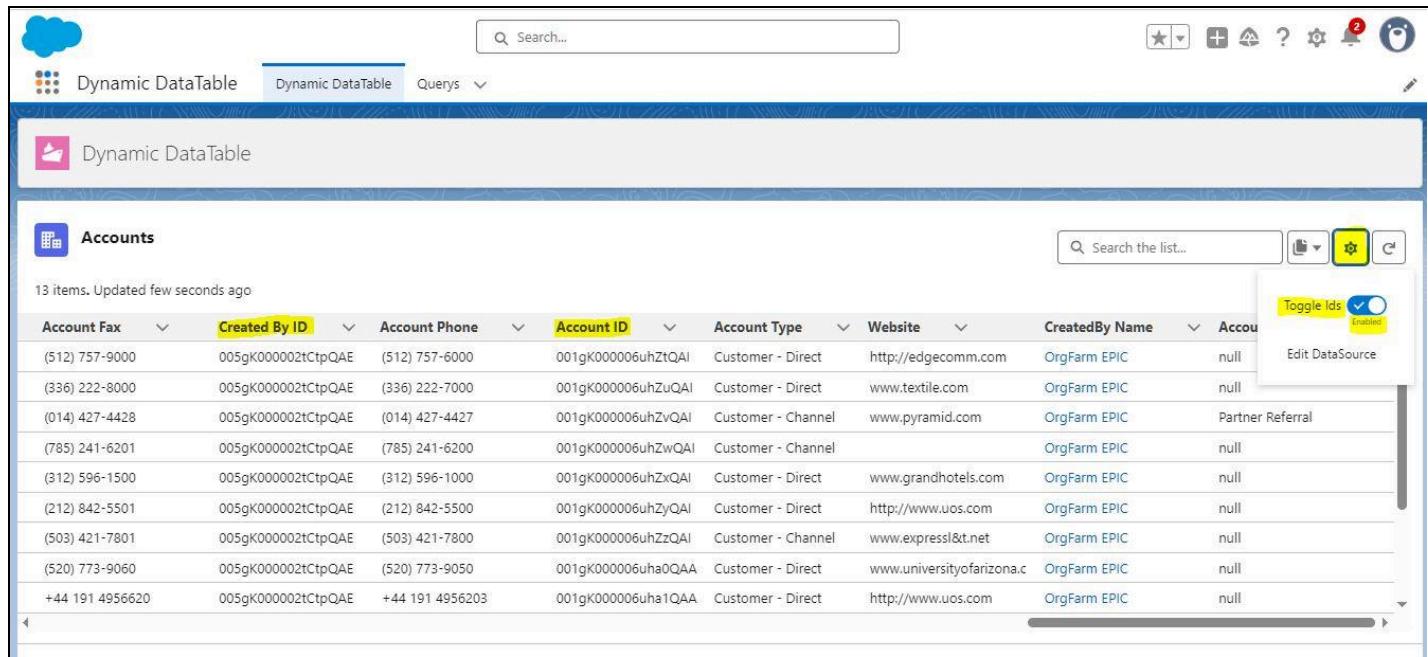
The screenshot shows the Salesforce Dynamic DataTable interface. At the top, there's a navigation bar with tabs for 'Dynamic DataTable' (selected), 'Queries', and another 'Dynamic DataTable'. Below the navigation is a search bar and a toolbar with various icons. The main area is titled 'Dynamic DataTable' and contains a sub-section titled 'Accounts'. A table is displayed with the following columns: Account ID, Account Name, Opportunity ID, Opportunity Close Date, Opportunity Amount, Opportunity Probability (%), and Opportunity Expected Revenue. The 'Opportunity Close Date' column is highlighted with a yellow background, indicating it's the current field being edited. The table lists 13 items, updated 1 minute ago. The first few rows show accounts like 'United Oil & Gas Corp.' and 'Express Logistics and Transport', each associated with specific opportunity details.

Account ID	Account Name	Opportunity ID	Opportunity Close Date	Opportunity Amount	Opportunity Probability (%)	Opportunity Expected Revenue
001gK000006uhZyQAI	United Oil & Gas Corp.	006gK0000020RezQAE	03/28/2025	15000	10	1500
001gK000006uhZzQAI	Express Logistics and Transport					
001gK000006uh0QAA	University of Arizona					
001gK000006uh1QAA	United Oil & Gas, UK					
001gK000006uh2QAA	United Oil & Gas, Singapore					
001gK000006uh3QAA	GenePoint	006gK0000020fFQAU	01/30/2025	60000	100	60000
001gK000006uh4QAA	sForce					
001gK000006uh5QAA	Sample Account for Entitlements					

## Toggle Record IDs

DynamicDataTable offers a feature to show or hide record IDs. The toggle ID visibility feature allows users to show or hide the ID column in the DynamicDataTable. This feature provides flexibility in viewing the data, enhancing user experience by decluttering the table when ID information is not necessary.

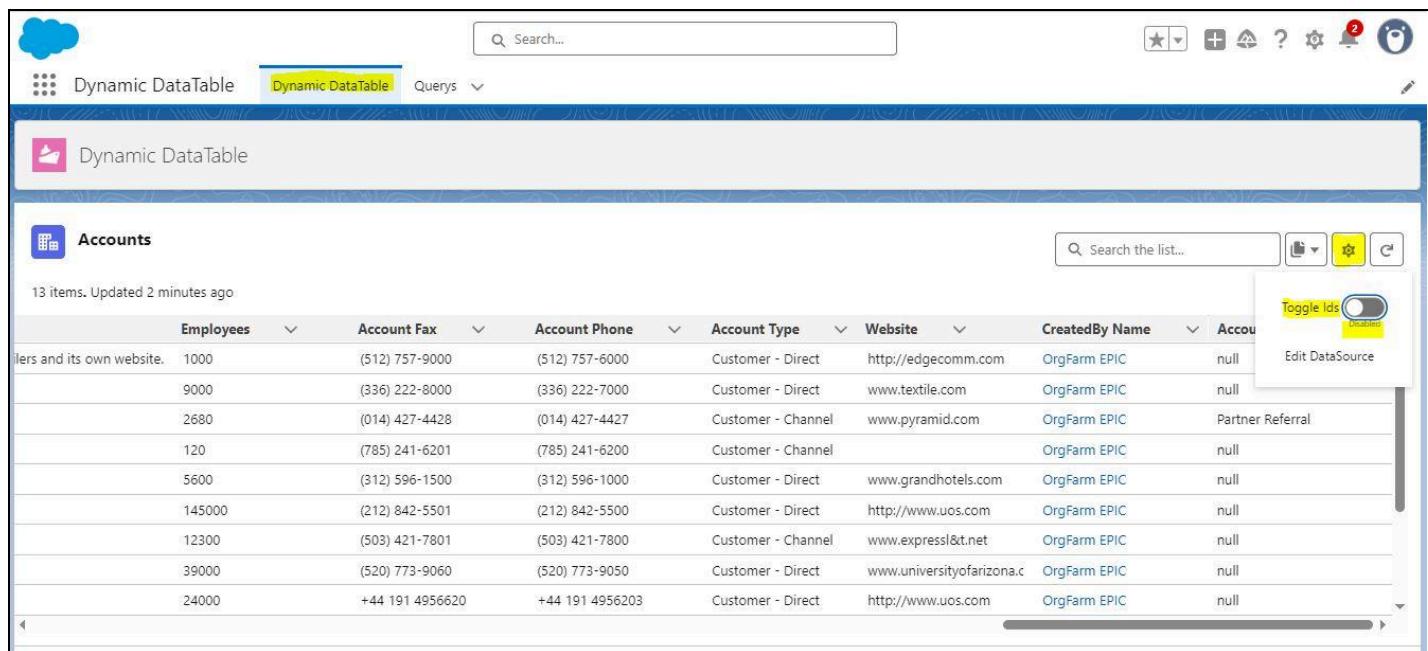
When the toggle IDs is enabled then the id column is visible in the data table.



This screenshot shows the 'Accounts' section of a Dynamic DataTable. The 'Toggle IDs' button in the top right corner is checked, indicating that record IDs are currently visible. The table displays 13 items, each with a unique ID, along with columns for Account Fax, Created By ID, Account Phone, Account ID, Account Type, Website, CreatedBy Name, and Account. A search bar and various filter and export options are also present.

Account Fax	Created By ID	Account Phone	Account ID	Account Type	Website	CreatedBy Name	Accou
(512) 757-9000	005gK000002tCtpQAE	(512) 757-6000	001gK000006uhZtQAI	Customer - Direct	http://edgecomm.com	OrgFarm EPIC	null
(336) 222-8000	005gK000002tCtpQAE	(336) 222-7000	001gK000006uhZuQAI	Customer - Direct	www.textile.com	OrgFarm EPIC	null
(014) 427-4428	005gK000002tCtpQAE	(014) 427-4427	001gK000006uhZvQAI	Customer - Channel	www.pyramid.com	OrgFarm EPIC	Partner Referral
(785) 241-6201	005gK000002tCtpQAE	(785) 241-6200	001gK000006uhZwQAI	Customer - Channel		OrgFarm EPIC	null
(312) 596-1500	005gK000002tCtpQAE	(312) 596-1000	001gK000006uhZxQAI	Customer - Direct	www.grandhotels.com	OrgFarm EPIC	null
(212) 842-5501	005gK000002tCtpQAE	(212) 842-5500	001gK000006uhZYQAI	Customer - Direct	http://www.uos.com	OrgFarm EPIC	null
(503) 421-7801	005gK000002tCtpQAE	(503) 421-7800	001gK000006uhZzQAI	Customer - Channel	www.expressl&t.net	OrgFarm EPIC	null
(520) 773-9060	005gK000002tCtpQAE	(520) 773-9050	001gK000006uhaQAA	Customer - Direct	www.universityofarizona.c	OrgFarm EPIC	null
+44 191 4956620	005gK000002tCtpQAE	+44 191 4956203	001gK000006uha1QAA	Customer - Direct	http://www.uos.com	OrgFarm EPIC	null

When the **Toggle IDs** option is disabled, the record IDs are hidden and not displayed in the table.



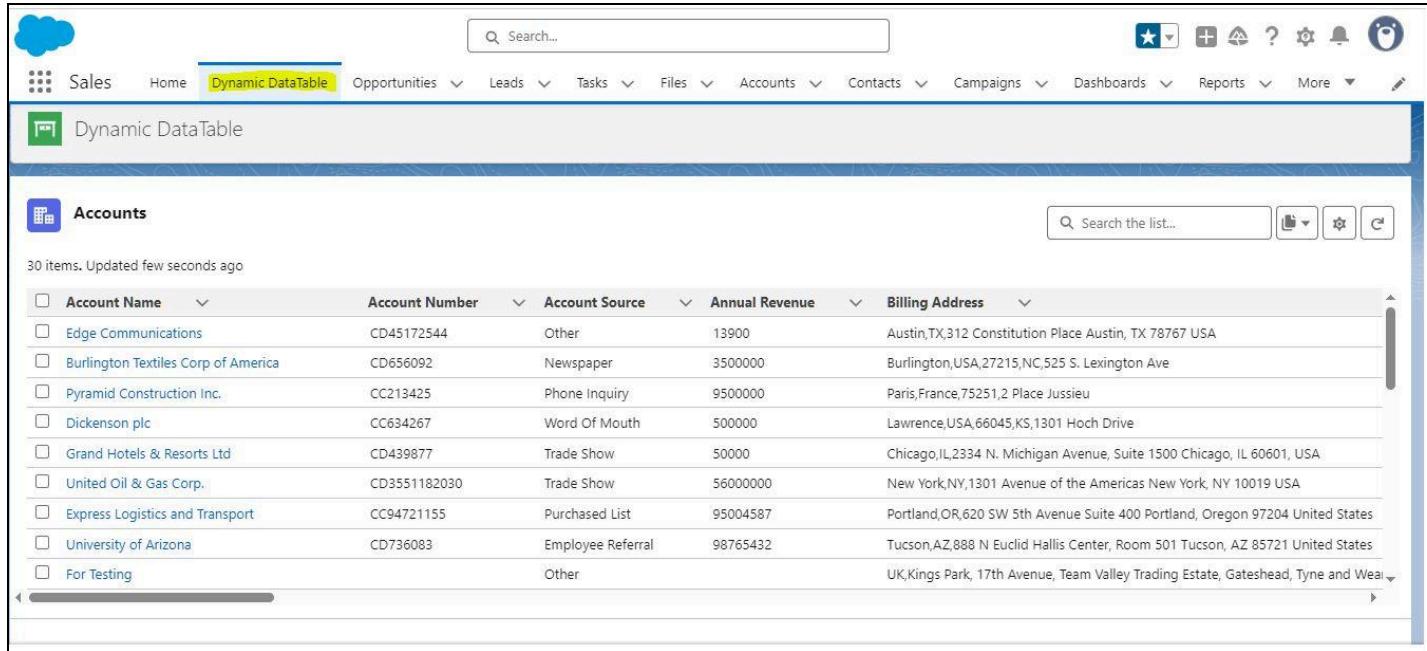
This screenshot shows the same 'Accounts' section of the Dynamic DataTable, but the 'Toggle IDs' button is now unchecked, hiding the record IDs from the table. The table structure remains the same, displaying 13 items with columns for Employees, Account Fax, Account Phone, Account Type, Website, CreatedBy Name, and Accou.

Employees	Account Fax	Account Phone	Account Type	Website	CreatedBy Name	Accou
1000	(512) 757-9000	(512) 757-6000	Customer - Direct	http://edgecomm.com	OrgFarm EPIC	null
9000	(336) 222-8000	(336) 222-7000	Customer - Direct	www.textile.com	OrgFarm EPIC	null
2680	(014) 427-4428	(014) 427-4427	Customer - Channel	www.pyramid.com	OrgFarm EPIC	Partner Referral
120	(785) 241-6201	(785) 241-6200	Customer - Channel		OrgFarm EPIC	null
5600	(312) 596-1500	(312) 596-1000	Customer - Direct	www.grandhotels.com	OrgFarm EPIC	null
145000	(212) 842-5501	(212) 842-5500	Customer - Direct	http://www.uos.com	OrgFarm EPIC	null
12300	(503) 421-7801	(503) 421-7800	Customer - Channel	www.expressl&t.net	OrgFarm EPIC	null
39000	(520) 773-9060	(520) 773-9050	Customer - Direct	www.universityofarizona.c	OrgFarm EPIC	null
24000	+44 191 4956620	+44 191 4956203	Customer - Direct	http://www.uos.com	OrgFarm EPIC	null

**Note:** This is a configurable feature through the DynamicDataTable component settings. The settings can be used to enable or disable the toggling feature in the DynamicDataTable.

## Usage Contexts- Component Placement

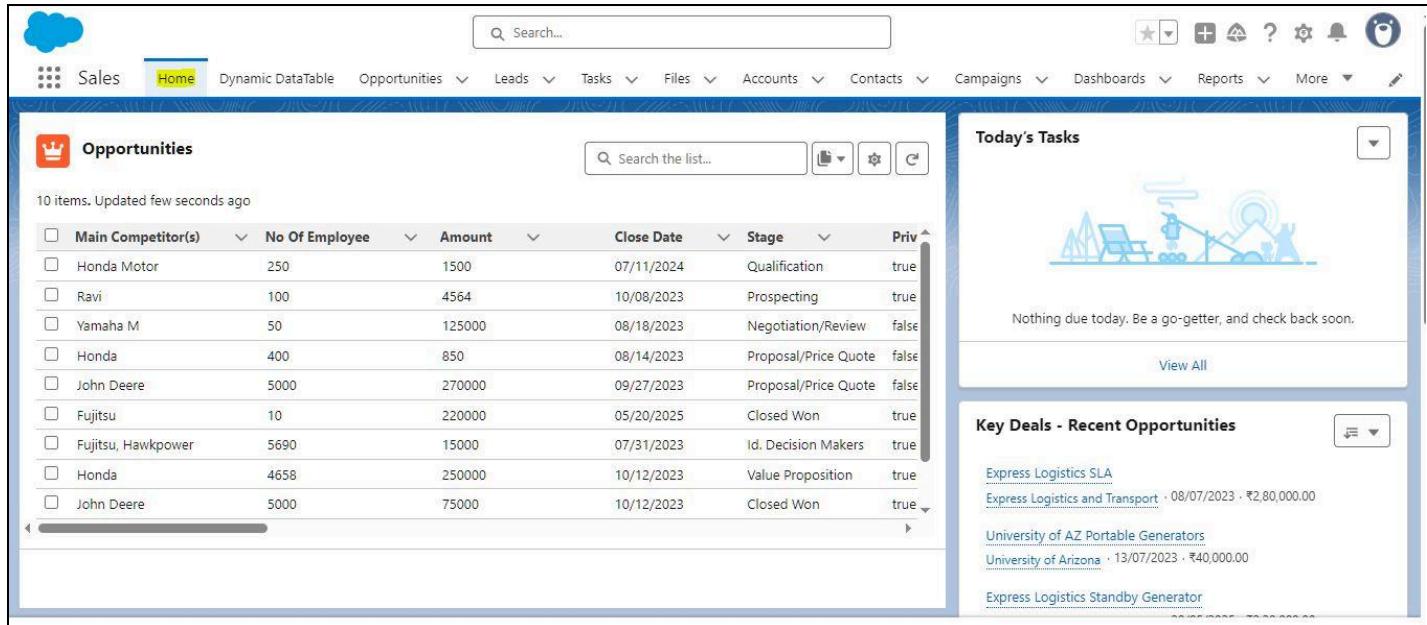
### Lightning Pages



This screenshot shows a Lightning Page with a navigation bar at the top. The 'Dynamic DataTable' tab is selected. Below the navigation bar, there's a header for 'Dynamic DataTable' and a sub-header for 'Accounts'. A search bar labeled 'Search the list...' is present. The main content area displays a table titled 'Accounts' with 30 items, updated a few seconds ago. The columns are: Account Name, Account Number, Account Source, Annual Revenue, and Billing Address. The table lists various companies like Edge Communications, Burlington Textiles Corp of America, Pyramid Construction Inc., etc.

Account Name	Account Number	Account Source	Annual Revenue	Billing Address
Edge Communications	CD45172544	Other	13900	Austin,TX,312 Constitution Place Austin, TX 78767 USA
Burlington Textiles Corp of America	CD656092	Newspaper	3500000	Burlington,USA,27215,NC,525 S. Lexington Ave
Pyramid Construction Inc.	CC213425	Phone Inquiry	9500000	Paris,France,75251,2 Place Jussieu
Dickenson plc	CC634267	Word Of Mouth	500000	Lawrence,USA,66045,KS,1301 Hoch Drive
Grand Hotels & Resorts Ltd	CD439877	Trade Show	50000	Chicago,IL,2334 N. Michigan Avenue, Suite 1500 Chicago, IL 60601, USA
United Oil & Gas Corp.	CD3551182030	Trade Show	5600000	New York,NY,1301 Avenue of the Americas New York, NY 10019 USA
Express Logistics and Transport	CC94721155	Purchased List	95004587	Portland,OR,620 SW 5th Avenue Suite 400 Portland, Oregon 97204 United States
University of Arizona	CD736083	Employee Referral	98765432	Tucson,AZ,888 N Euclid Hallis Center, Room 501 Tucson, AZ 85721 United States
For Testing		Other		UK,Kings Park, 17th Avenue, Team Valley Trading Estate, Gateshead, Tyne and Wear, NE10 8BL, United Kingdom

### Home Page

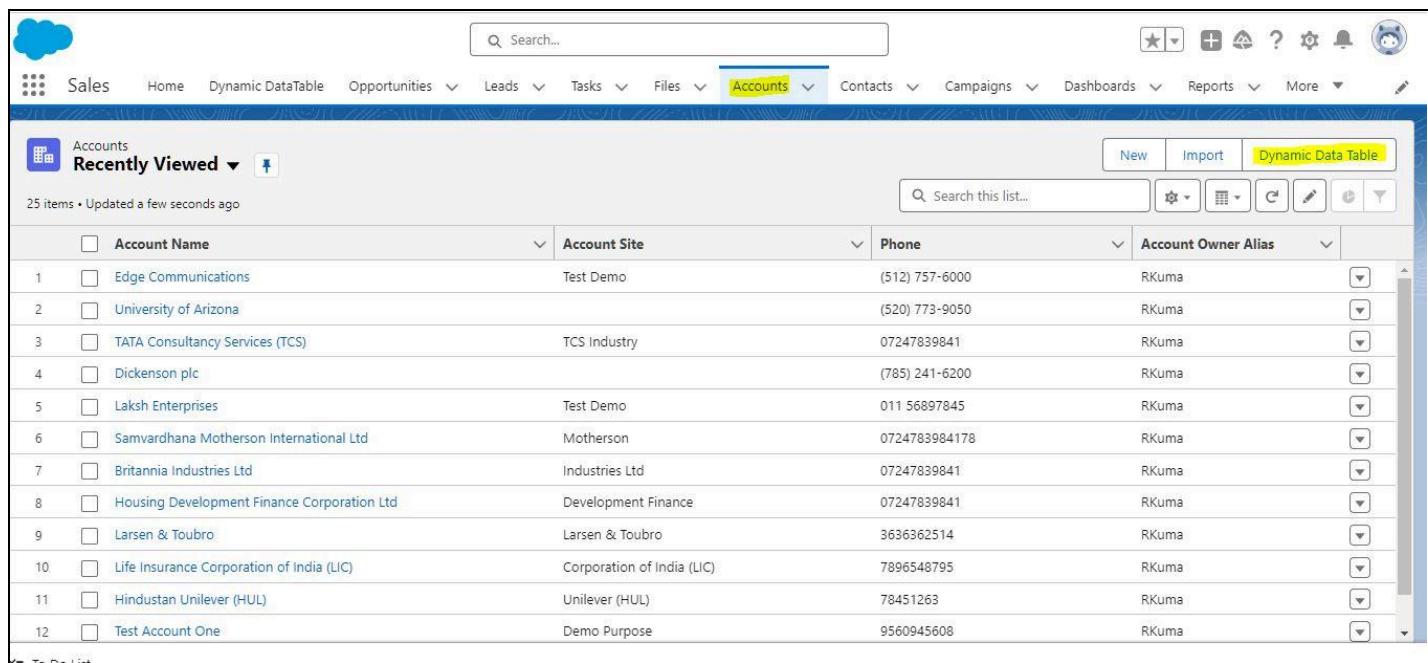


This screenshot shows a Lightning Page with a navigation bar at the top. The 'Home' tab is selected. Below the navigation bar, there's a header for 'Opportunities' and a search bar labeled 'Search the list...'. The main content area displays a table titled 'Opportunities' with 10 items, updated a few seconds ago. The columns are: Main Competitor(s), No Of Employee, Amount, Close Date, Stage, and Priv. The table lists companies like Honda Motor, Ravi, Yamaha M, Honda, John Deere, Fujitsu, etc. To the right of the main content, there's a sidebar with two sections: 'Today's Tasks' and 'Key Deals - Recent Opportunities'. The 'Today's Tasks' section features a cartoon illustration of a character working on a task and a message: 'Nothing due today. Be a go-getter, and check back soon.' The 'Key Deals - Recent Opportunities' section lists recent deals from Express Logistics SLA, Express Logistics and Transport, University of AZ Portable Generators, University of Arizona, and Express Logistics Standby Generator.

Main Competitor(s)	No Of Employee	Amount	Close Date	Stage	Priv
Honda Motor	250	1500	07/11/2024	Qualification	true
Ravi	100	4564	10/08/2023	Prospecting	true
Yamaha M	50	125000	08/18/2023	Negotiation/Review	false
Honda	400	850	08/14/2023	Proposal/Price Quote	false
John Deere	5000	270000	09/27/2023	Proposal/Price Quote	false
Fujitsu	10	220000	05/20/2025	Closed Won	true
Fujitsu, Hawkpower	5690	15000	07/31/2023	Id. Decision Makers	true
Honda	4658	250000	10/12/2023	Value Proposition	true
John Deere	5000	75000	10/12/2023	Closed Won	true

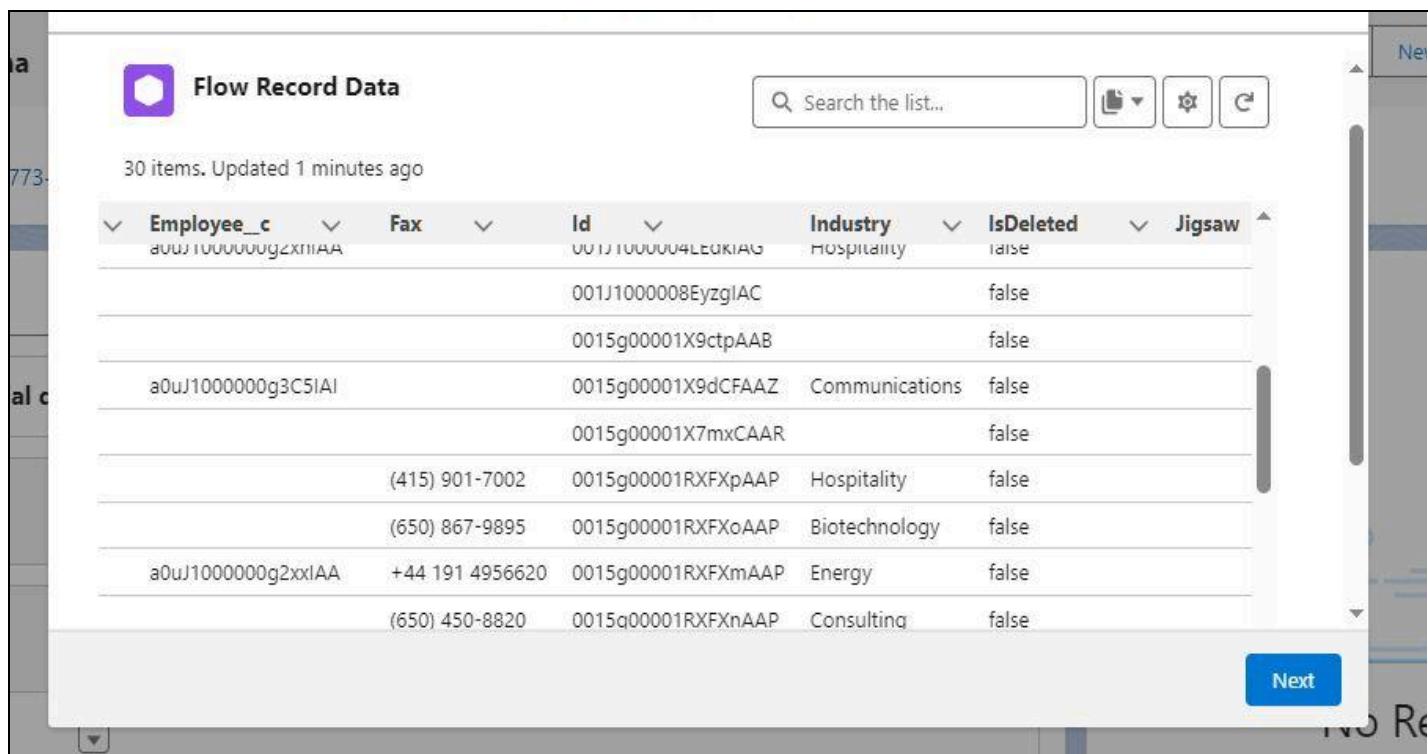
## List View Button

DynamicDataTable component on list view page.



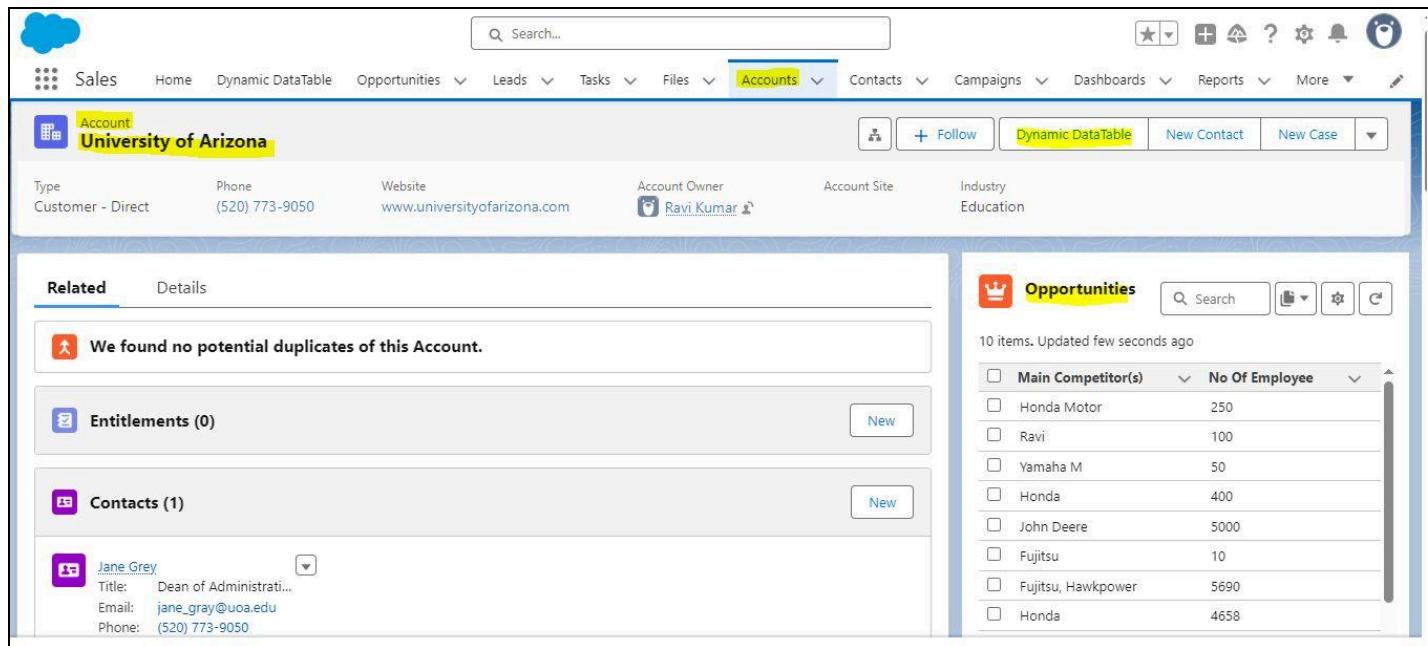
	Account Name	Account Site	Phone	Account Owner Alias
1	Edge Communications	Test Demo	(512) 757-6000	RKuma
2	University of Arizona		(520) 773-9050	RKuma
3	TATA Consultancy Services (TCS)	TCS Industry	07247839841	RKuma
4	Dickenson plc		(785) 241-6200	RKuma
5	Laksh Enterprises	Test Demo	011 56897845	RKuma
6	Samvardhana Motherson International Ltd	Motherson	0724783984178	RKuma
7	Britannia Industries Ltd	Industries Ltd	07247839841	RKuma
8	Housing Development Finance Corporation Ltd	Development Finance	07247839841	RKuma
9	Larsen & Toubro	Larsen & Toubro	3636362514	RKuma
10	Life Insurance Corporation of India (LIC)	Corporation of India (LIC)	7896548795	RKuma
11	Hindustan Unilever (HUL)	Unilever (HUL)	78451263	RKuma
12	Test Account One	Demo Purpose	9560945608	RKuma

After clicking the Data Table button as highlighted above DynamicDataTable opens in a flow.



Employee_c	Fax	Id	Industry	IsDeleted	Jigsaw
a0uJ1000000gZXTIAA		001J1000004LE0KIAU	Hospitality	false	
		001J1000008EyzglAC		false	
		0015g00001X9ctpAAB		false	
a0uJ1000000g3C5IAI		0015g00001X9dCFAAZ	Communications	false	
		0015g00001X7mxCAAR		false	
	(415) 901-7002	0015g00001RXFXpAAP	Hospitality	false	
	(650) 867-9895	0015g00001RXFXoAAP	Biotechnology	false	
a0uJ1000000g2xxIAA	+44 191 4956620	0015g00001RXFXmAAP	Energy	false	
	(650) 450-8820	0015g00001RXFXnAAP	Consulting	false	

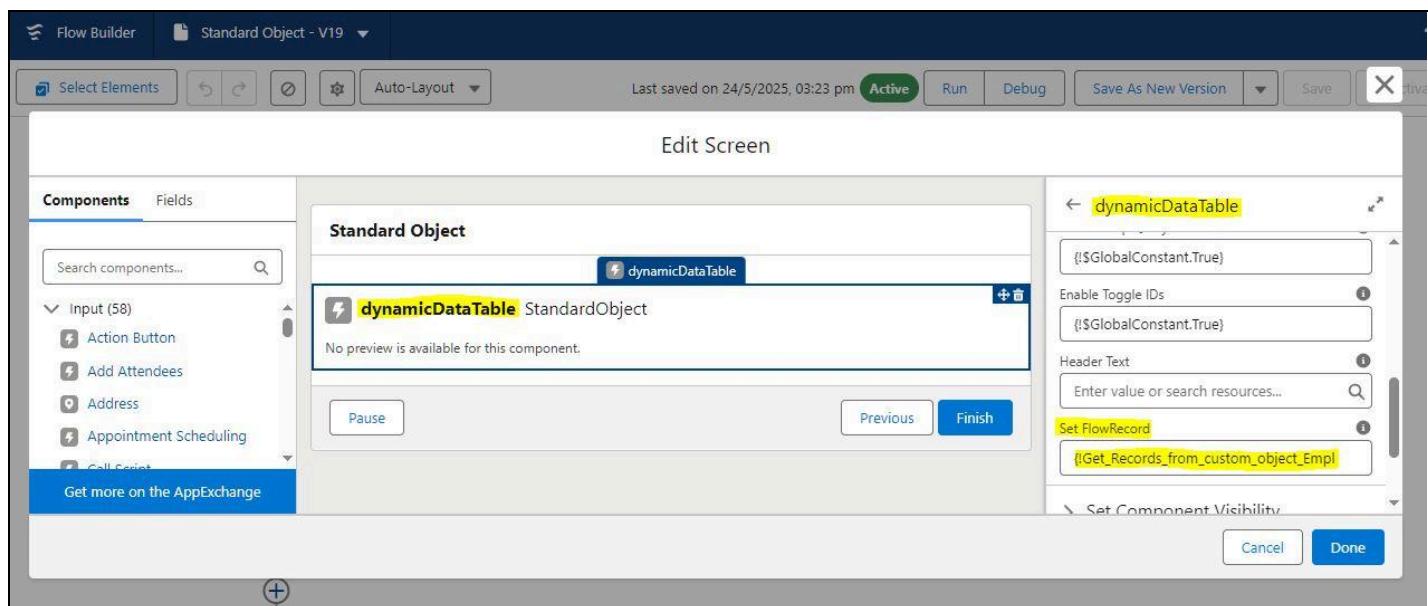
## Record Detail Page



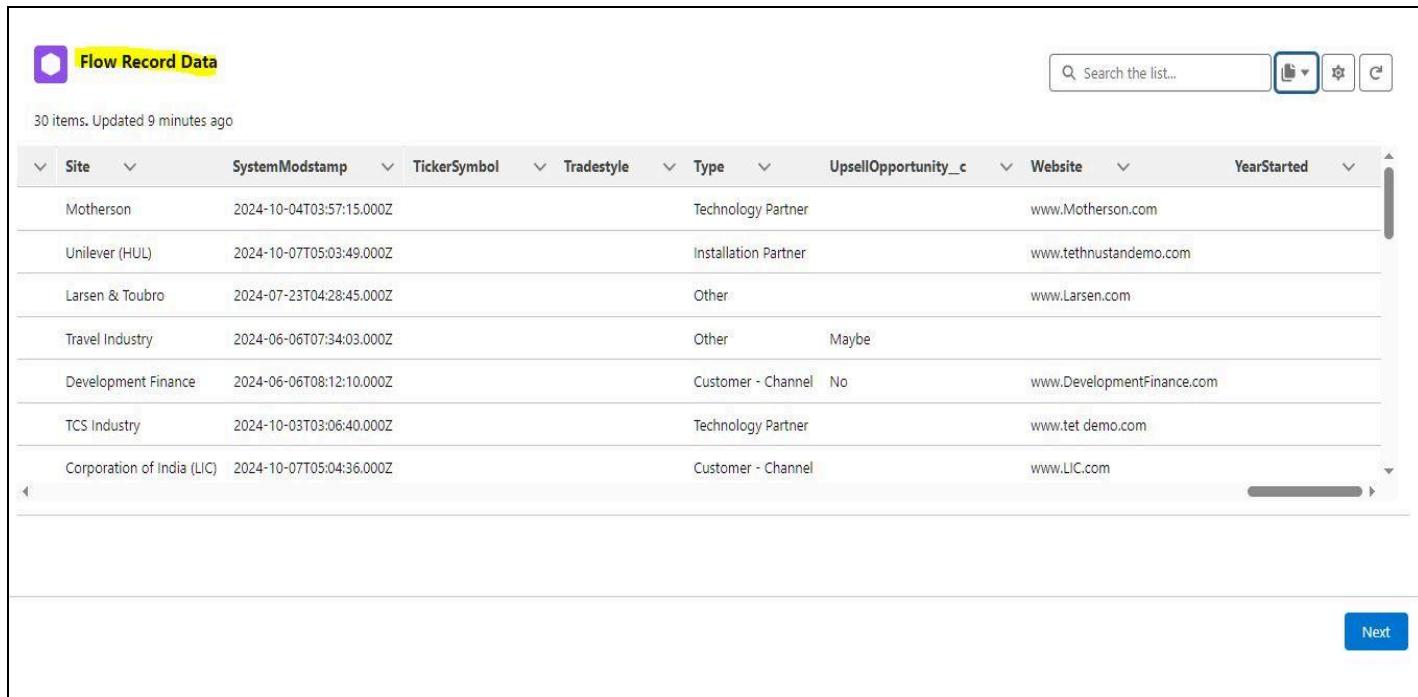
Main Competitor(s)	No Of Employee
Honda Motor	250
Ravi	100
Yamaha M	50
Honda	400
John Deere	5000
Fujitsu	10
Fujitsu, Hawkpower	5690
Honda	4658

## Salesforce Flows

DynamicDataTable can be configured in a flow as shown below.



DynamicDataTable shows data using the Flow Records.



The screenshot shows a "Flow Record Data" component with the following details:

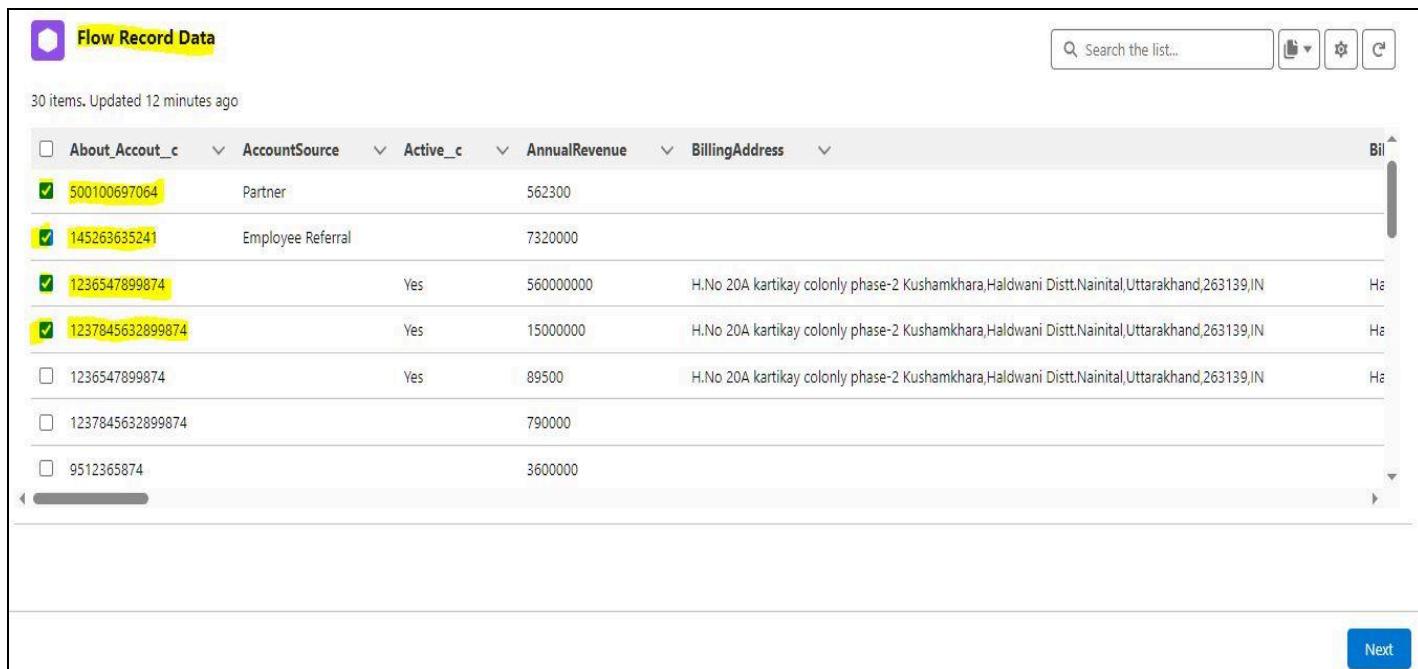
- Title:** Flow Record Data
- Items:** 30 items. Updated 9 minutes ago
- Search Bar:** Search the list...
- Table Headers:** Site, SystemModstamp, TickerSymbol, Tradestyle, Type, UpsellOpportunity\_c, Website, YearStarted
- Table Data:**

Site	SystemModstamp	TickerSymbol	Tradestyle	Type	UpsellOpportunity_c	Website	YearStarted
Motherson	2024-10-04T03:57:15.000Z			Technology Partner		www.Motherson.com	
Unilever (HUL)	2024-10-07T05:03:49.000Z			Installation Partner		www.tethnustandemo.com	
Larsen & Toubro	2024-07-23T04:28:45.000Z			Other		www.Larsen.com	
Travel Industry	2024-06-06T07:34:03.000Z			Other	Maybe		
Development Finance	2024-06-06T08:12:10.000Z			Customer - Channel	No	www.DevelopmentFinance.com	
TCS Industry	2024-10-03T03:06:40.000Z			Technology Partner		www.tet demo.com	
Corporation of India (LIC)	2024-10-07T05:04:36.000Z			Customer - Channel		www.LIC.com	
- Buttons:** Next

## Selecting Records and Retrieving Records in Flows

In Salesforce Flows, selecting and retrieving records involves using predefined criteria to fetch data from Salesforce objects. This process allows users to automate data handling and streamline business processes. Within a Flow, "Get Records" are used to populate DynamicDataTable. The retrieved records can then be used for further processing, decision-making, or display.

## Record Selection



The screenshot shows a "Flow Record Data" component with the following details:

- Title:** Flow Record Data
- Items:** 30 items. Updated 12 minutes ago
- Search Bar:** Search the list...
- Table Headers:** About\_Account\_c, AccountSource, Active\_c, AnnualRevenue, BillingAddress
- Table Data:**

About_Account_c	AccountSource	Active_c	AnnualRevenue	BillingAddress
<input checked="" type="checkbox"/> 500100697064	Partner		562300	
<input checked="" type="checkbox"/> 145263635241	Employee Referral		7320000	
<input checked="" type="checkbox"/> 1236547899874		Yes	560000000	H.No 20A kartikay colony phase-2 Kushamkhar,Haldwani Distt.Nainital,Uttarakhand,263139,IN
<input checked="" type="checkbox"/> 1237845632899874		Yes	15000000	H.No 20A kartikay colony phase-2 Kushamkhar,Haldwani Distt.Nainital,Uttarakhand,263139,IN
<input type="checkbox"/> 1236547899874		Yes	89500	H.No 20A kartikay colony phase-2 Kushamkhar,Haldwani Distt.Nainital,Uttarakhand,263139,IN
<input type="checkbox"/> 1237845632899874			790000	
<input type="checkbox"/> 9512365874			3600000	
- Buttons:** Next

DynamicDataTable exposes selected records as JSON. [This data can be manipulated as needed. This is shown just for reference]

DynamicDataTable exposes a property selectedRows which can be used to retrieve selected records.

```
[{"About_Account_c":null,"AccountNumber":null,"AccountSource":null,"Active_c":null,"AnnualRevenue":56000,"BillingAddress":{"street":"H.No 20A kartikay colony phase-2 Kushamkhara","city":"Haldwani Distt.Nainital","state":"Uttarakhand","postalCode":"263139","country":"IN","geocodeAccuracy":null}, "BillingCity":"Haldwani Distt.Nainital","BillingCountry":"IN","BillingGeocodeAccuracy":null,"BillingLatitude":null,"BillingLongitude":null,"BillingPostalCode":"263139","BillingState":"Uttarakhand","BillingStreet":"H.No 20A kartikay colony phase-2 Kushamkhara","Case_c":null,"CleanStatus":"Pending","Contact_c":"003J1000002qQAHIA2","CreatedBy":0055g00000ImqlYAR,"CreatedDate":2024-06-06T08:17:25.000Z,"CustomerPriority_c":null,"DandbCompanyId":null,"Description":null,"DunsNumber":null,"Employee_c":a0uj1000000g3BfIAI,"Fax":01156897845,"Id":001J1000004LEVIAW,"Industry":"Transportation","IsDeleted":false,"Jigsaw":null,"JigsawCompanyId":null,"LastActivityDate":null,"LastModifiedBy":0055g00000ImqlYAR,"LastModifiedDate":2024-10-04T03:57:15.000Z,"LastReferencedDate":null,"LastViewedDate":null,"MasterRecordId":null,"NaicsCode":null,"NaicsDesc":null,"Name":Samvardhana Motherson International Ltd,"NumberOfEmployees":896523,"NumberofLocations_c":null,"OperatingHoursId":null,"Opportunity_c":0065g00000ZYVawAAH,"OwnerId":0055g00000ImqlYAR,"Ownership":Other,"ParentId":null,"Phone":0724783984178,"PhotoUrl":/services/images/photo/001J1000004LEVIAW,"Rating":null,"SLAExpirationDate_c":null,"SLASerialNumber_c":null,"SLA_c":null,"ShippingAddress":null,"ShippingCity":null,"ShippingCountry":null,"ShippingGeocodeAccuracy":null,"ShippingLatitude":null,"ShippingLongitude":null,"ShippingPostalCode":null,"ShippingState":null,"ShippingStreet":null,"Sic":423,"SicDesc":null,"Site":Motherson,"SystemModstamp":2024-10-04T03:57:15.000Z,"TickerSymbol":null,"Tradestyle":null,"Type":Technology Partner,"UpsellOpportunity_c":null,"Website":www.Motherson.com,"YearStarted":null}, {"About_Account_c":null,"AccountNumber":500100697064,"AccountSource":Partner,"Active_c":null,"AnnualRevenue":562300,"BillingAddress":null,"BillingCity":null,"BillingCountry":null,"BillingGeocodeAccuracy":null,"BillingLatitude":null,"BillingLongitude":null,"BillingPostalCode":null,"BillingState":null,"BillingStreet":null,"Case_c":5001000001wcGdIAI,"CleanStatus":Pending,"Contact_c":003J1000002qQGTIA2,"CreatedBy":0055g00000ImqlYAR,"CreatedDate":2024-06-06T07:56:25.000Z,"CustomerPriority_c":null,"DandbCompanyId":null,"Description":null,"DunsNumber":null,"Employee_c":a0uj1000000g3CgIAI,"Fax":null,"Id":001J1000004LESIAW,"Industry":Apparel,"IsDeleted":false,"Jigsaw":null,"JigsawCompanyId":null,"LastActivityDate":null,"LastModifiedBy":0055g00000ImqlYAR,"LastModifiedDate":2024-10-07T05:03:49.000Z,"LastReferencedDate":null,"LastViewedDate":null,"MasterRecordId":null,"NaicsCode":null,"NaicsDesc":null,"Name":Hindustan Unilever (HUL),"NumberOfEmployees":25000,"NumberofLocations_c":null,"OperatingHoursId":null,"Opportunity_c":null,"OwnerId":0055g00000ImqlYAR,"Ownership":Subsidiary,"ParentId":null,"Phone":78451263,"PhotoUrl":/services/images/photo/001J1000004LESIAW,"Rating":Cold,"SLAExpirationDate_c":null,"SLASerialNumber_c":null,"SLA_c":null,"ShippingAddress":null,"ShippingCity":null,"ShippingCountry":null,"ShippingGeocodeAccuracy":null,"ShippingLatitude":null,"ShippingLongitude":null,"ShippingPostalCode":null,"ShippingState":null,"ShippingStreet":null,"Sic":8956,"SicDesc":null,"Site":Unilever (HUL),"SystemModstamp":2024-10-07T05:03:49.000Z,"TickerSymbol":null,"Tradestyle":null,"Type":Installation Partner,"UpsellOpportunity_c":null,"Website":www.tethnustandemo.com,"YearStarted":null}]
```

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## Contact Information

For further assistance or to report issues, please contact our support team at [info@intutiveminds.com](mailto:info@intutiveminds.com). Future updates and enhancements will be communicated in subsequent release notes.