Intutiveminds

DataTable Component

Deployment Document

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Version History

Version	Released Date	Description Of Change	Author
1.0	19 June 2024	Datatable component first version release	Intutiveminds
1.1	25 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 DataSource Selection	Intutiveminds

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Overview

Overview

Deploying Dynamic DataTable Component from GitHub to Salesforce using Visual Studio Code and Salesforce CLI.

1. Prerequisites

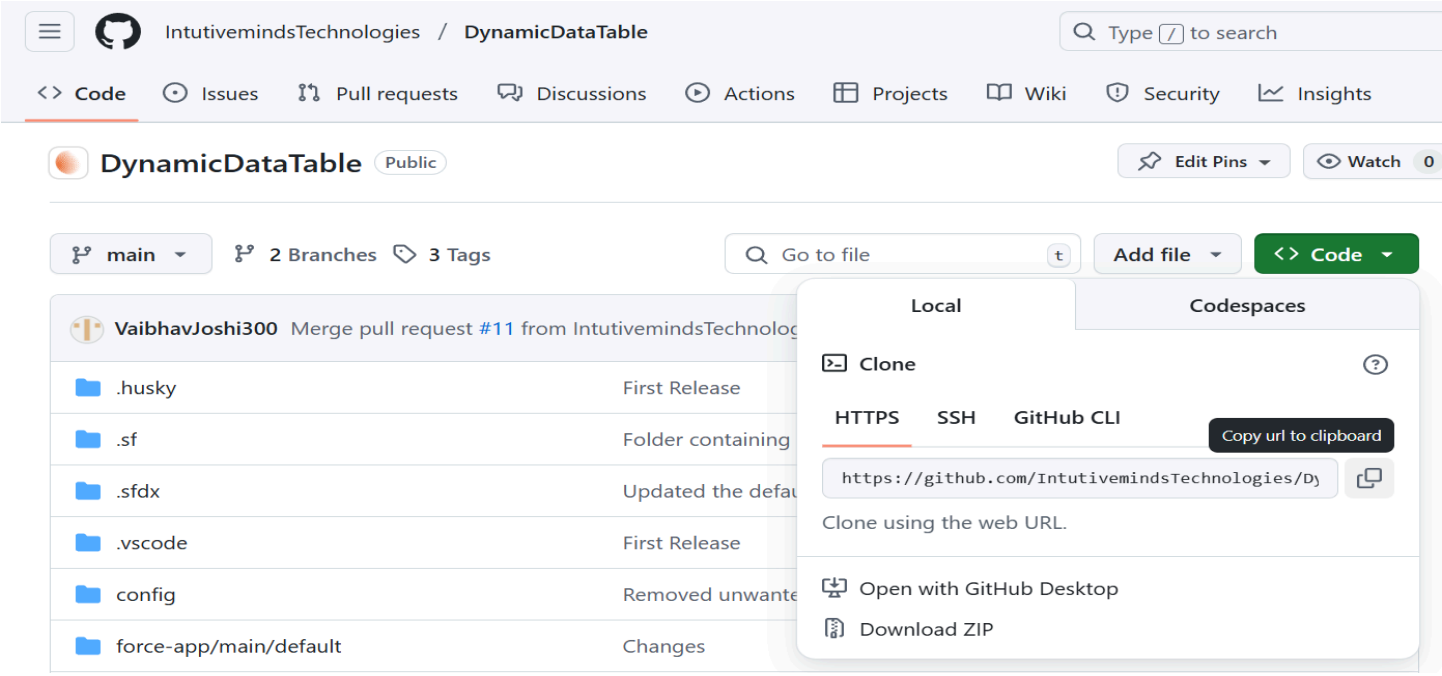
Make sure the following tools are installed:

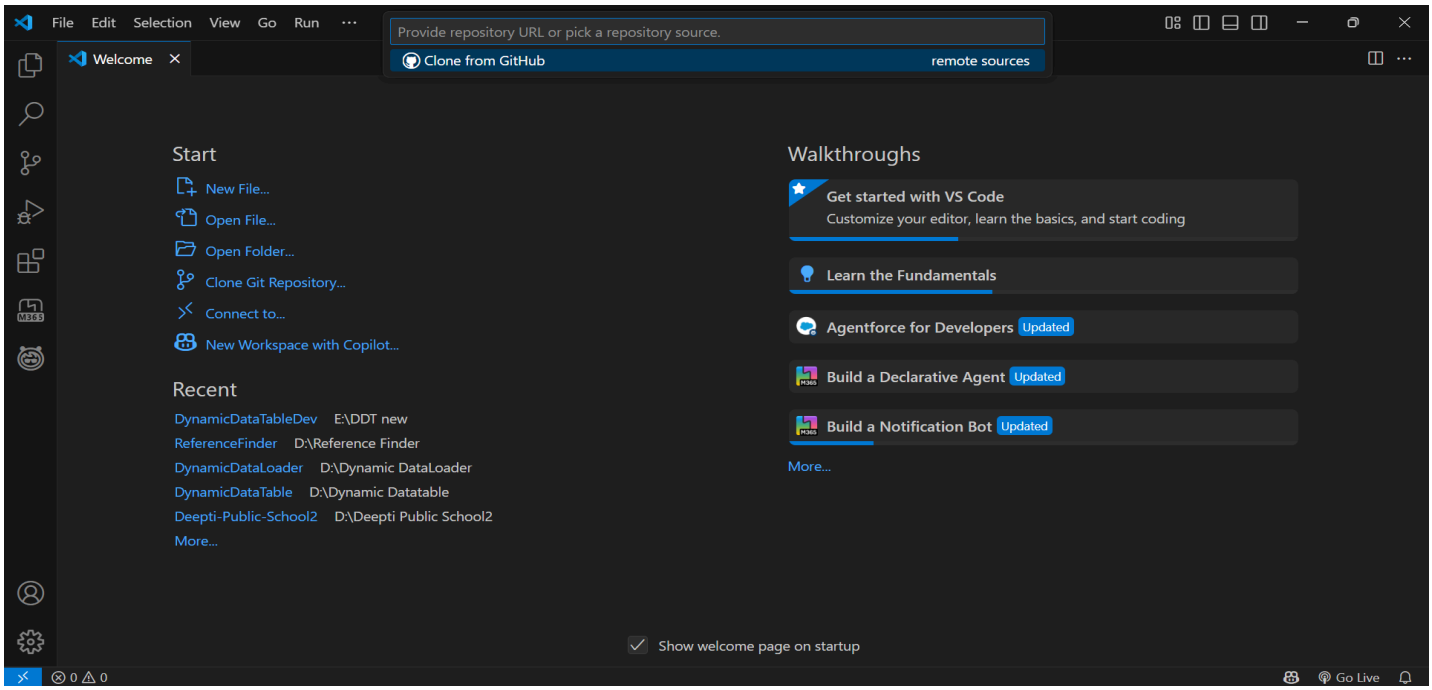
1. Salesforce CLI (SFDX): https://developer.salesforce.com/tools/sfdxcli
2. Visual Studio Code: https://code.visualstudio.com/
3. Salesforce Extension Pack in VS Code
4. Git: https://git-scm.com/downloads
5. A Salesforce Developer Org or Sandbox

2. Clone LWC Component from GitHub

Open Visual Studio Code.

1. From the Welcome screen or Command Palette (Ctrl + Shift + P), select “Clone Git Repository…”.
2. Copy the repository URL:
   https://github.com/IntutivemindsTechnologies/DynamicDataTable.git
3. Paste the URL into the prompt and choose a local folder to clone the project.
4. Once cloning is complete, VS Code will prompt you to open the cloned folder. Click “Open”.

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Provide repository URL or pick a repository source.
Clone from GitHub remote sources
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New File...
Open File...
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Clone Git Repository...
Connect to...
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ReferenceFinder D:\Reference Finder
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Learn the Fundamentals
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Show welcome page on startup
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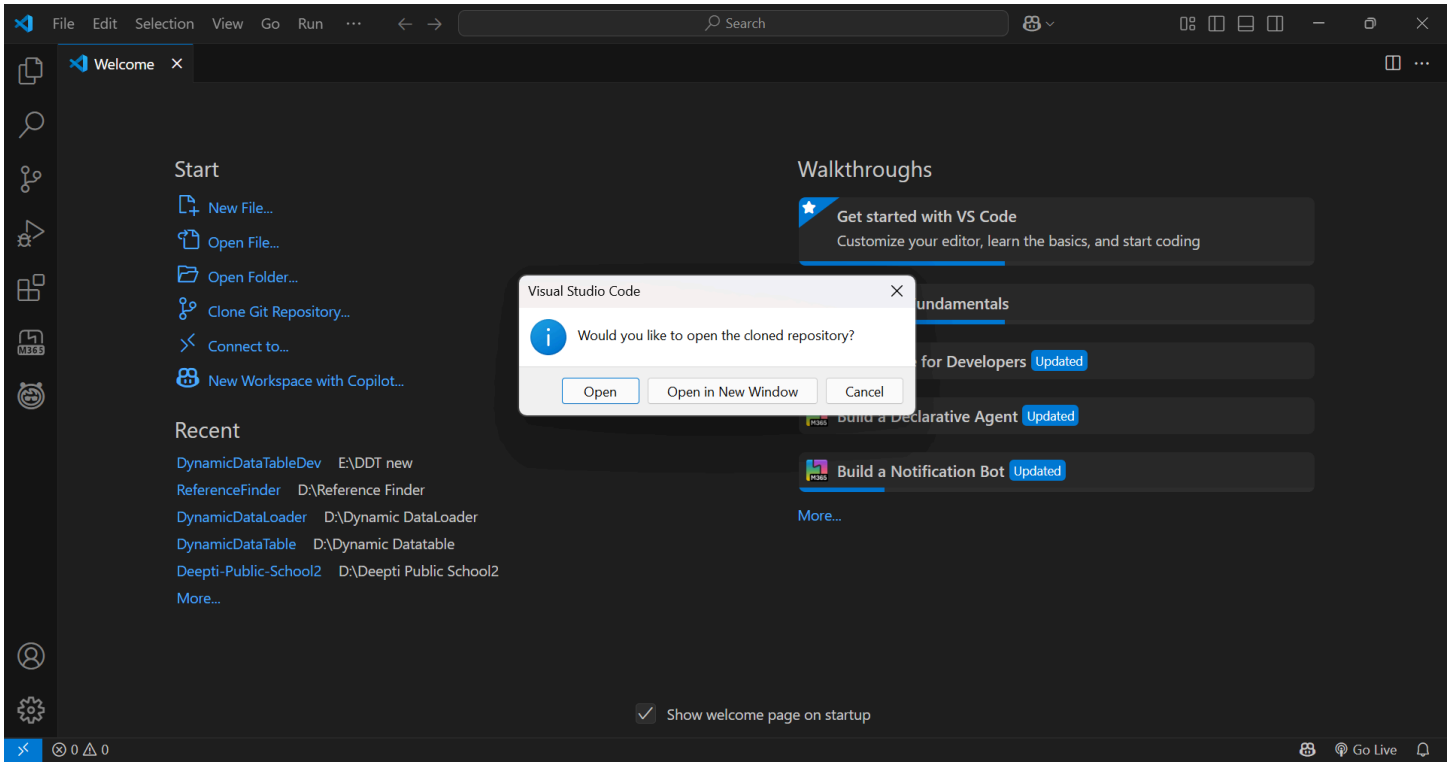
File Edit Selection View Go Run ...
Search
Welcome
Start
New File...
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Clone Git Repository...
Connect to...
New Workspace with Copilot...
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ReferenceFinder D:\Reference Finder
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DynamicDataTable D:\Dynamic Datatable
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Visual Studio Code
Would you like to open the cloned repository?
Open
Open in New Window
Cancel
Build a Notification Bot Updated
More...
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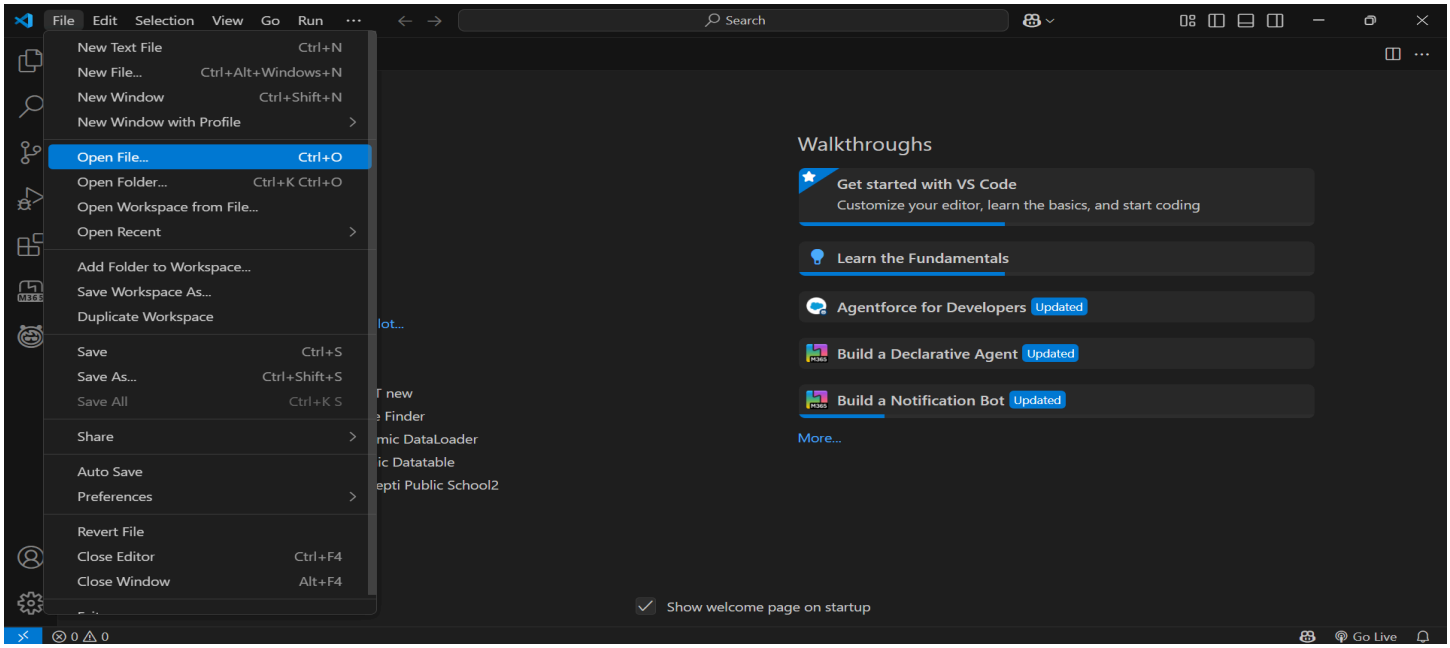
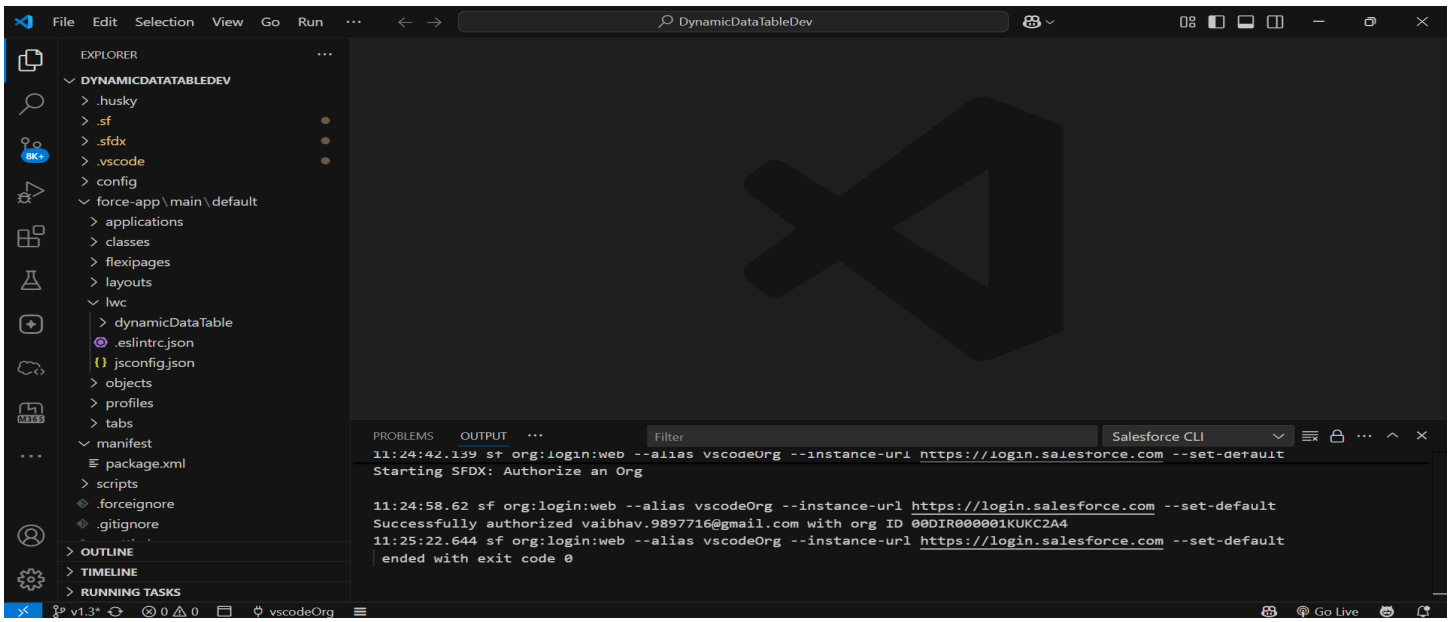
3. Open Project in VS Code

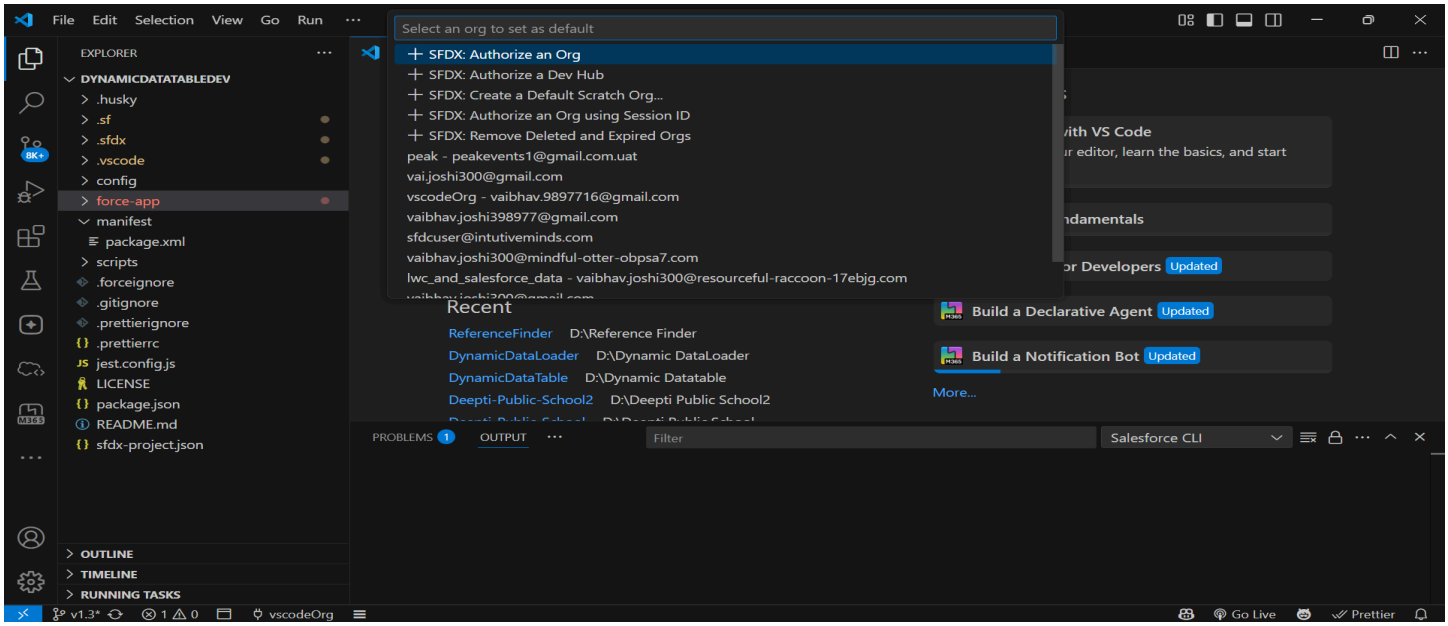
1. Launch Visual Studio Code.
2. If you didn't already open the project folder after cloning, click on File → Open Folder… (or File → Open on macOS).
3. Navigate to the folder where you cloned the GitHub repository and select it.
4. Once the folder is open, VS Code will initialize the workspace and display the folder structure in the Explorer pane on the left.
5. Ensure that the folder contains the standard Salesforce DX project structure, such as: force-app/main/default/lwc/dynamicDataTable

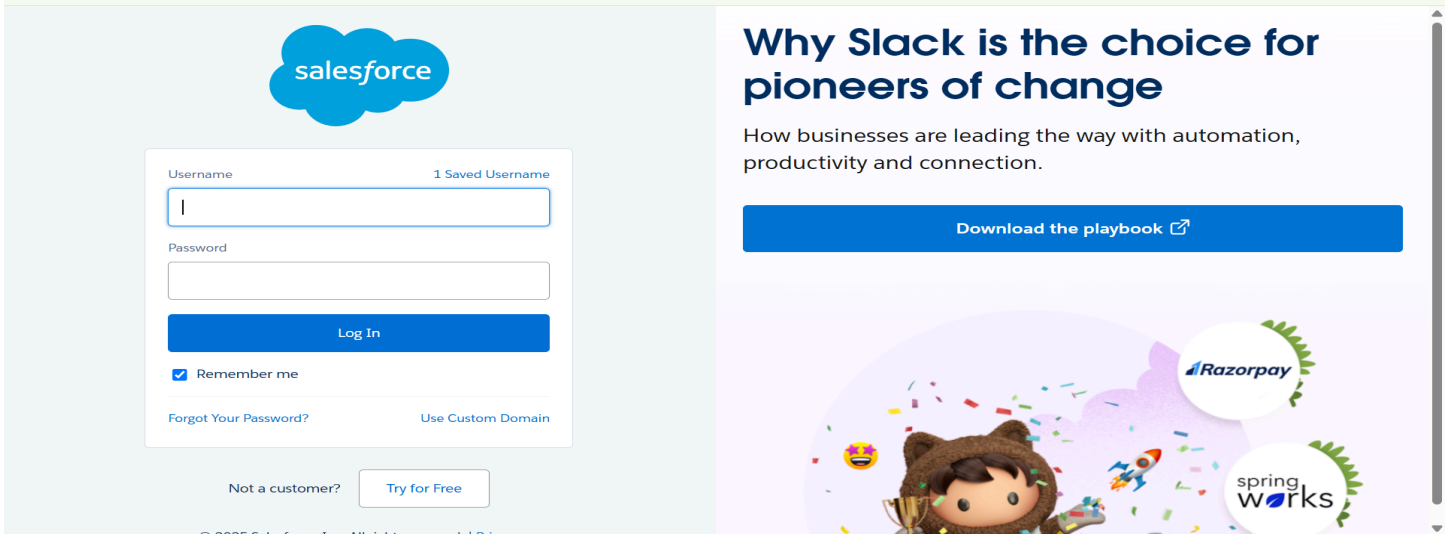


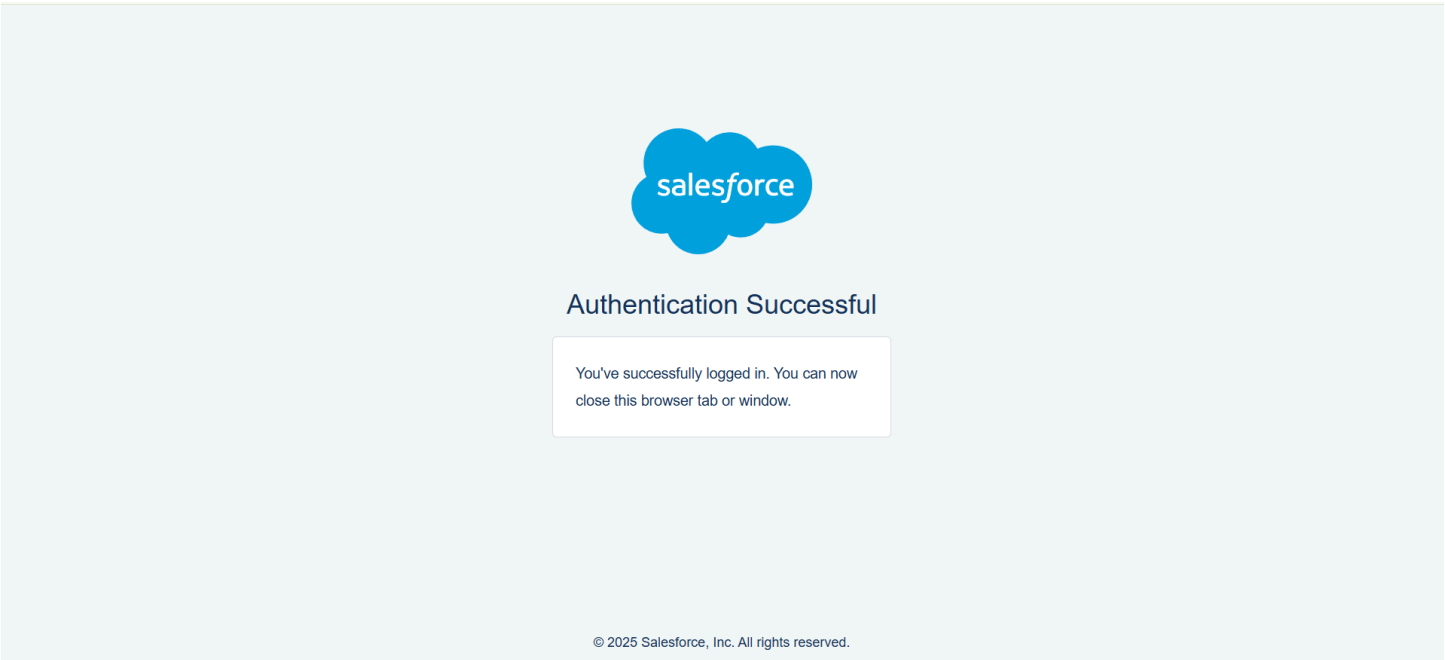


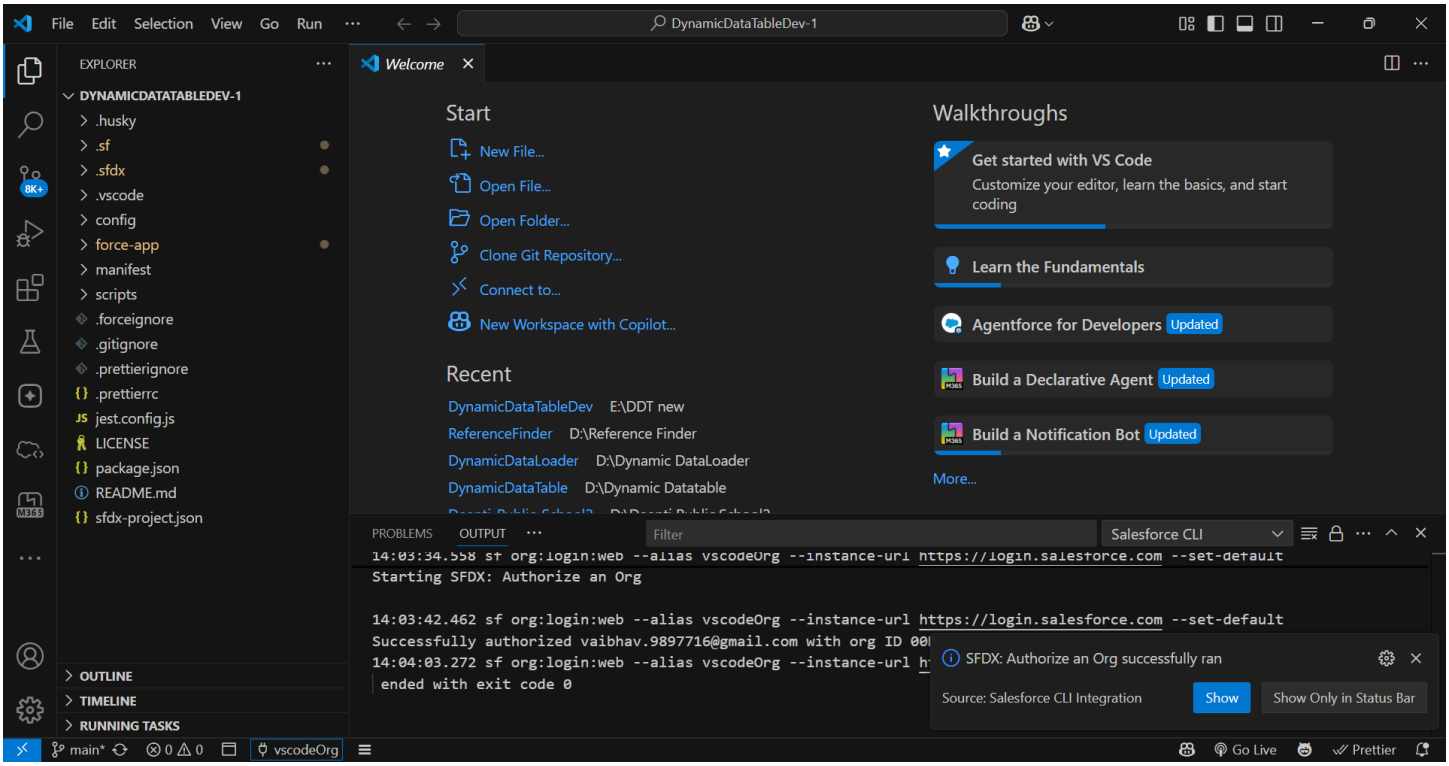
4. Authorize Salesforce Org

1. Open the integrated terminal in Visual Studio Code (Ctrl + ~) or use the Command Palette (Ctrl + Shift + P) and type **“SFDX: Authorize an Org”**.
2. After running the command, your default web browser will open and redirect you to the Salesforce login page.
3. Log in with your Salesforce credentials. Upon successful login, you’ll see a success message saying the authorization was completed.
4. Return to VS Code; your org is now connected and ready for deployments.






salesforce
Authentication Successful
You've successfully logged in. You can now close this browser tab or window.
© 2025 Salesforce, Inc. All rights reserved.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DynamicDataTableDev-1
EXPLORER
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config
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.gitignore
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README.md
sfdx-project.json
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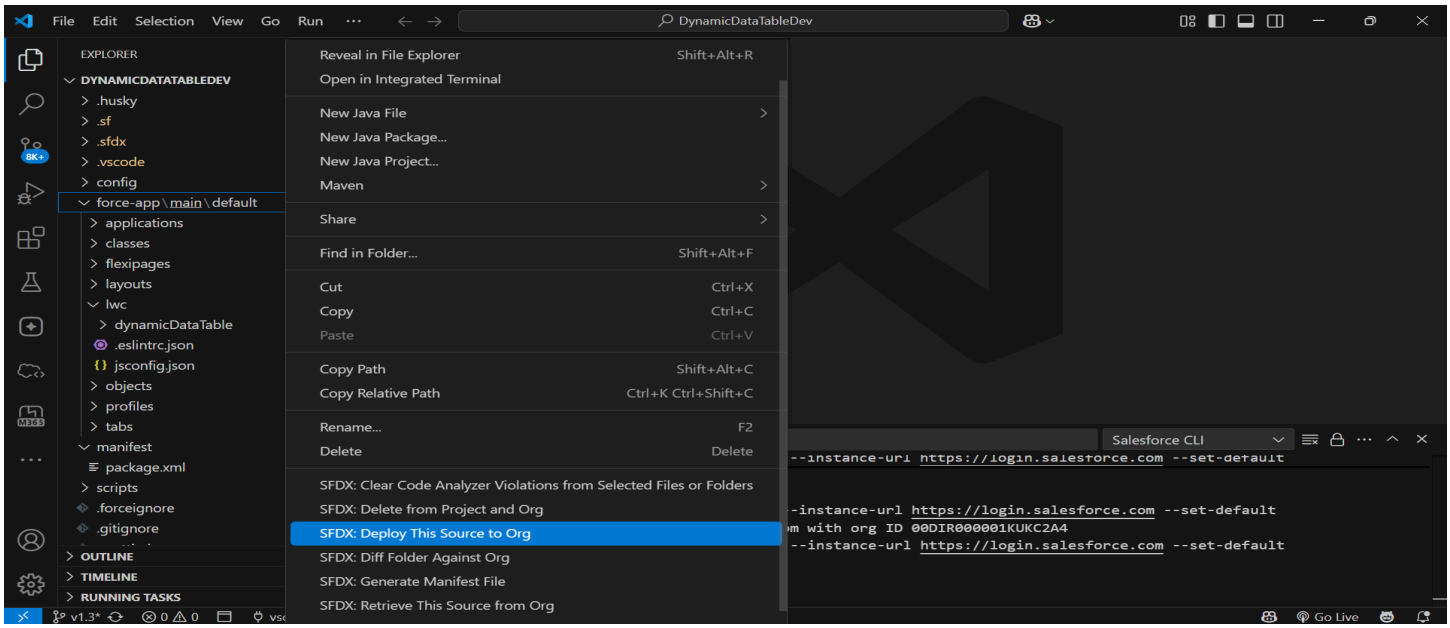
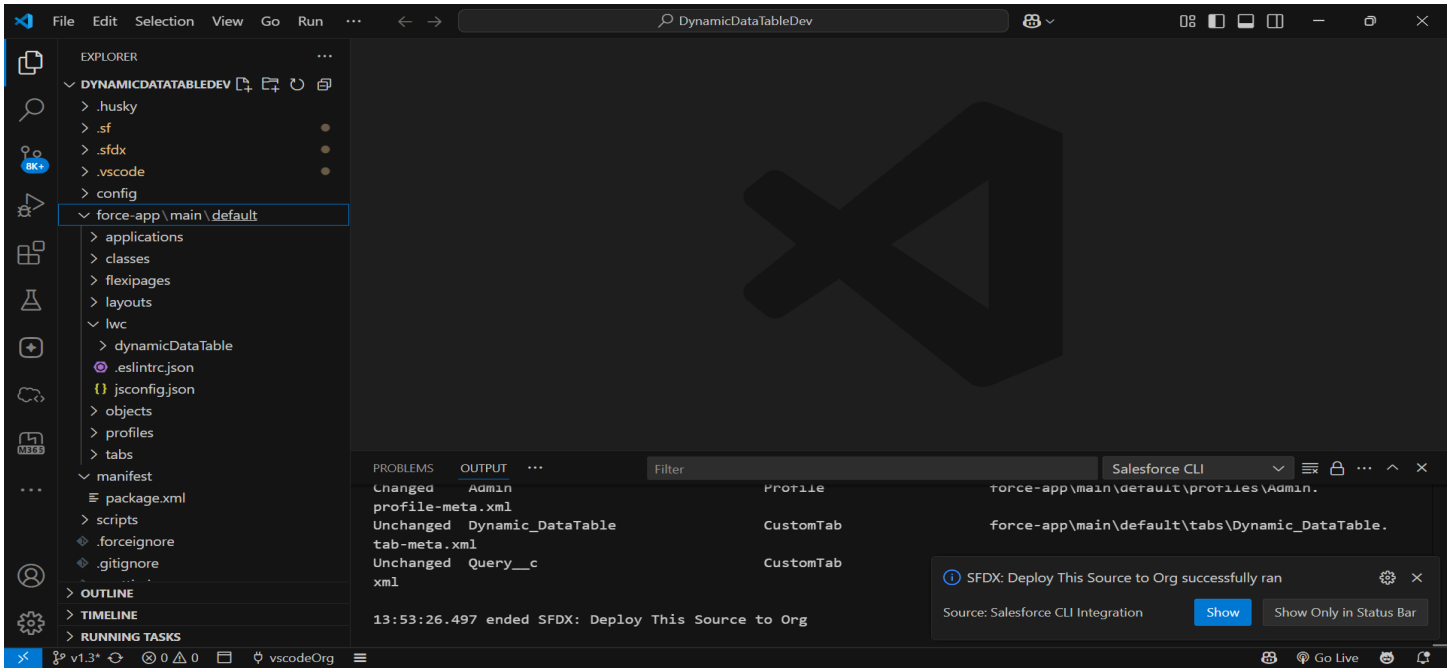
PROBLEMS OUTPUT
Filter
Salesforce CLI
Starting SFDX: Authorize an Org
14:03:42.462 sf org:login:web --alias vscodeOrg --instance-url https://login.salesforce.com --set-default
Successfully authorized vaibhav.9897716@gmail.com with org ID 00
14:04:03.272 sf org:login:web --alias vscodeOrg --instance-url h
ended with exit code 0
SFDX: Authorize an Org successfully ran
Source: Salesforce CLI Integration
Show
Show Only in Status Bar
main*
vscodeOrg
Go Live
Prettier

5. Deploy to Salesforce

1. In the Explorer pane on the left, right-click the force-app folder.
2. Select “SFDX: Deploy Source to Org” from the context menu.
3. Wait for the deployment to complete. You’ll see the deployment status in the Output or Terminal tab at the bottom of VS Code.



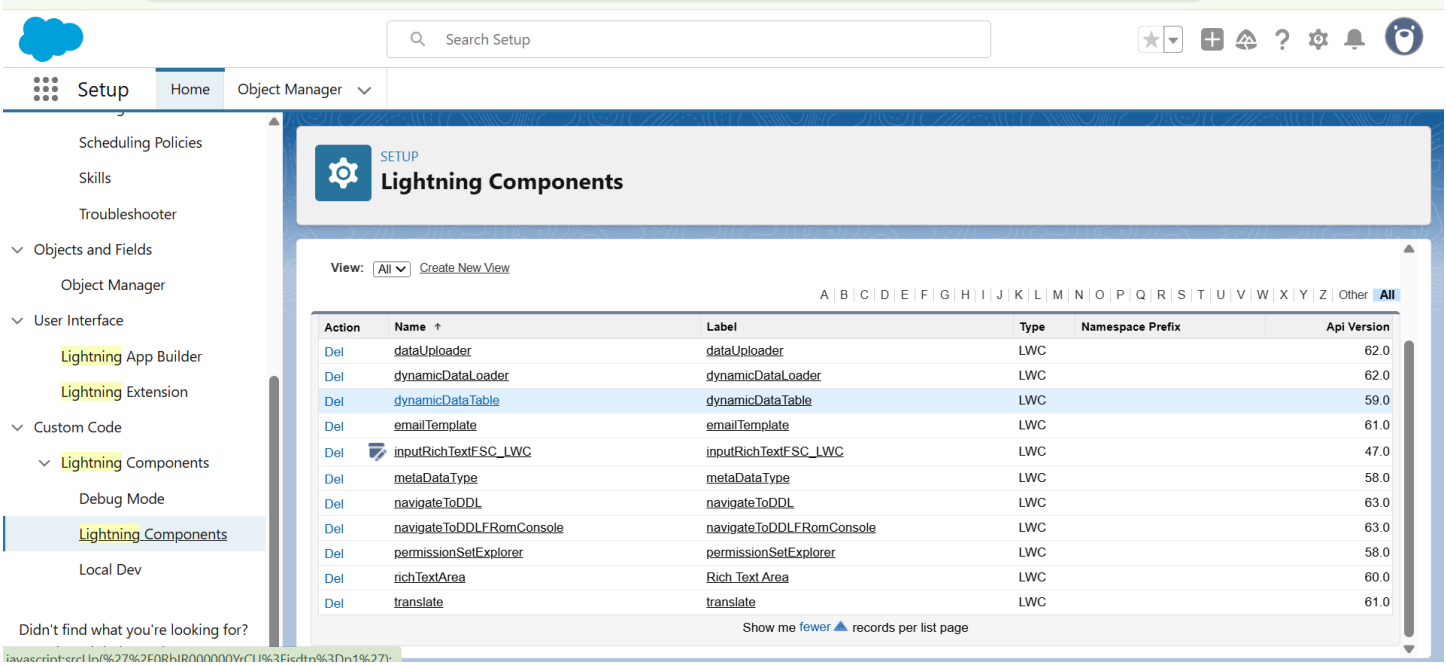


6. Verify Deployment

After deploying your LWC component, you can verify that it has been successfully deployed in your Salesforce org.

Option 1: Check via Setup

1. Log in to your Salesforce Org.
2. Go to Setup (click the gear icon in the top right corner).
3. In the Quick Find box, type Lightning Components.
4. Click on Lightning Components and confirm that your new component (e.g., dynamicDataTable) is listed there.

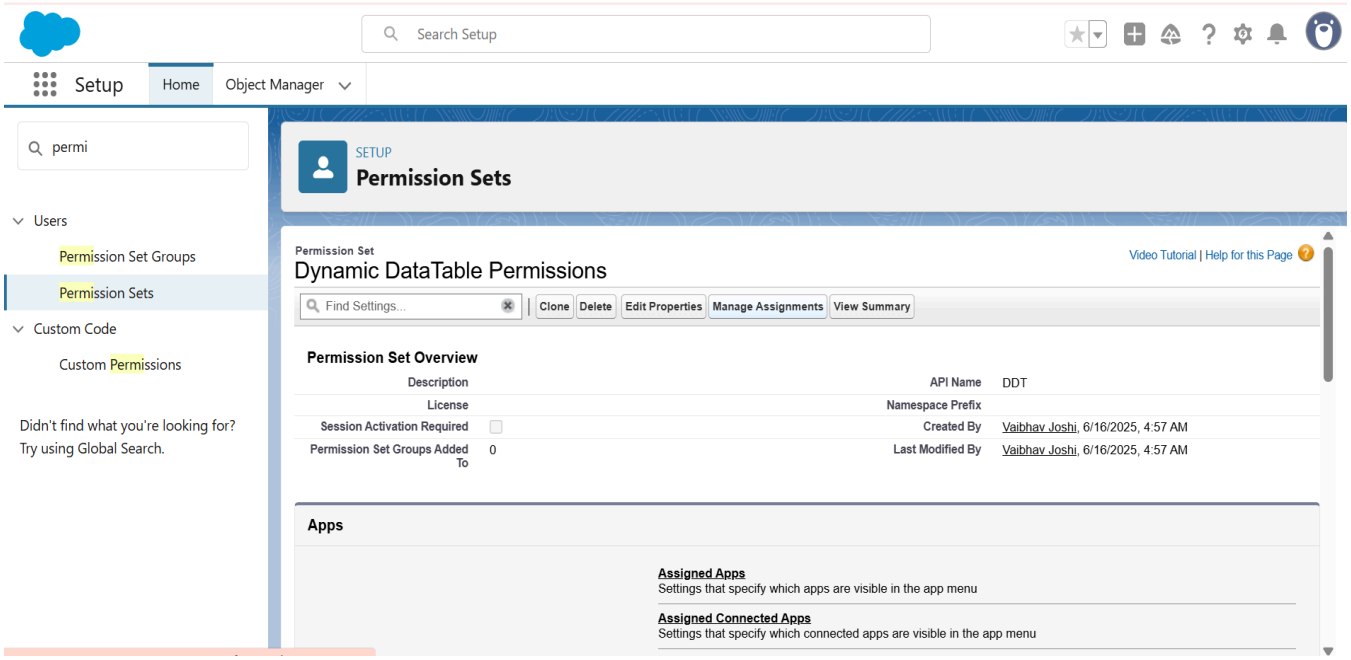


7. Post Deployment Steps

After deploying the component and verifying success, complete the following steps to ensure proper access:

7.1 Assign Permission Set to Users

1. Navigate to **Setup** > **Permission Sets**.
2. Open the Permission Set that includes access to the deployed LWC component and related app.
3. Click **Manage Assignments** > **Add Assignments**.
4. Select the users who should have access
5. Click **Assign**, then **Done**.


Search Setup
Setup
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Permission Sets
Custom Code
Custom Permissions
Didn't find what you're looking for?
Try using Global Search.
SETUP
Permission Sets
Permission Set
Dynamic DataTable Permissions
Video Tutorial | Help for this Page
Find Settings...
Clone
Delete
Edit Properties
Manage Assignments
View Summary
Permission Set Overview
Description
License
Session Activation Required
Permission Set Groups Added To
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API Name
DDT
Namespace Prefix
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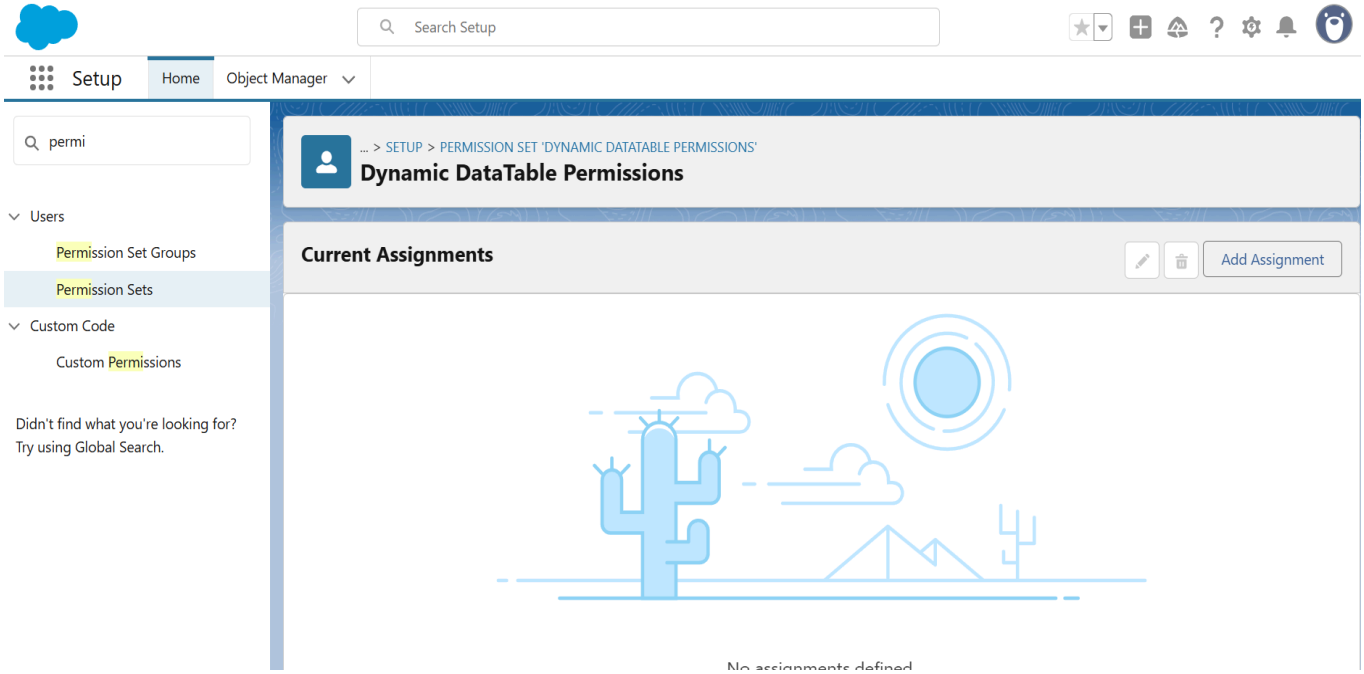
Vaibhav Joshi, 6/16/2025, 4:57 AM
Last Modified By
Vaibhav Joshi, 6/16/2025, 4:57 AM
Apps
Assigned Apps
Settings that specify which apps are visible in the app menu
Assigned Connected Apps
Settings that specify which connected apps are visible in the app menu


Search Setup
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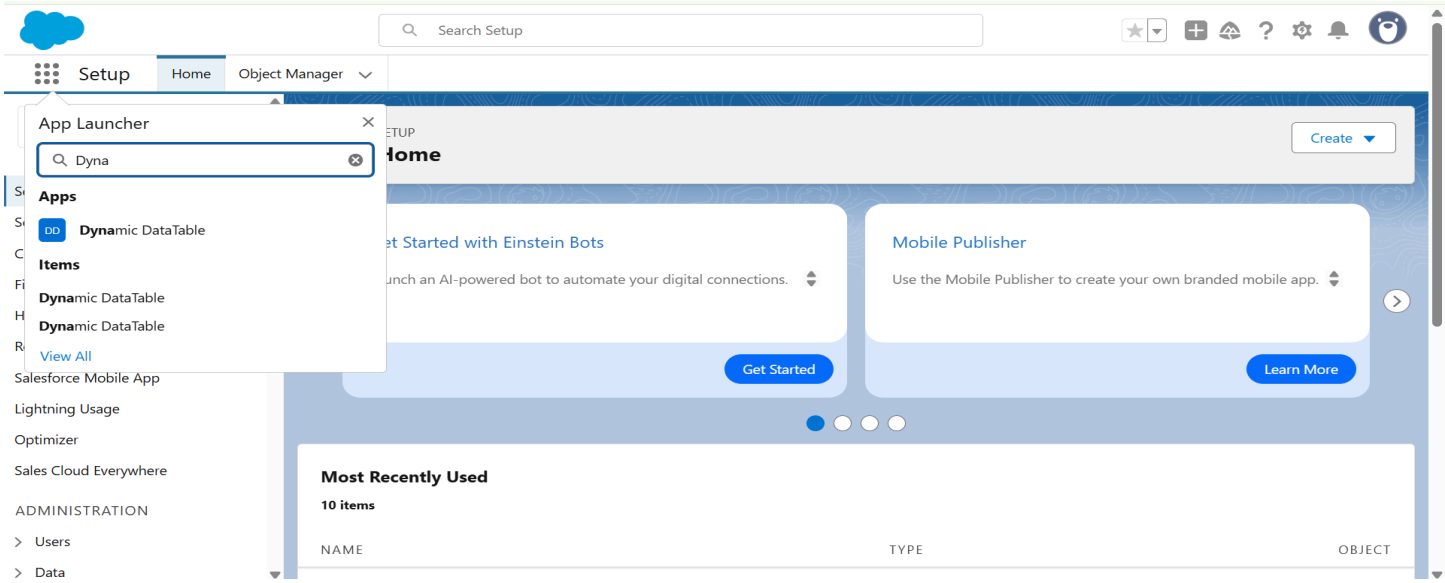
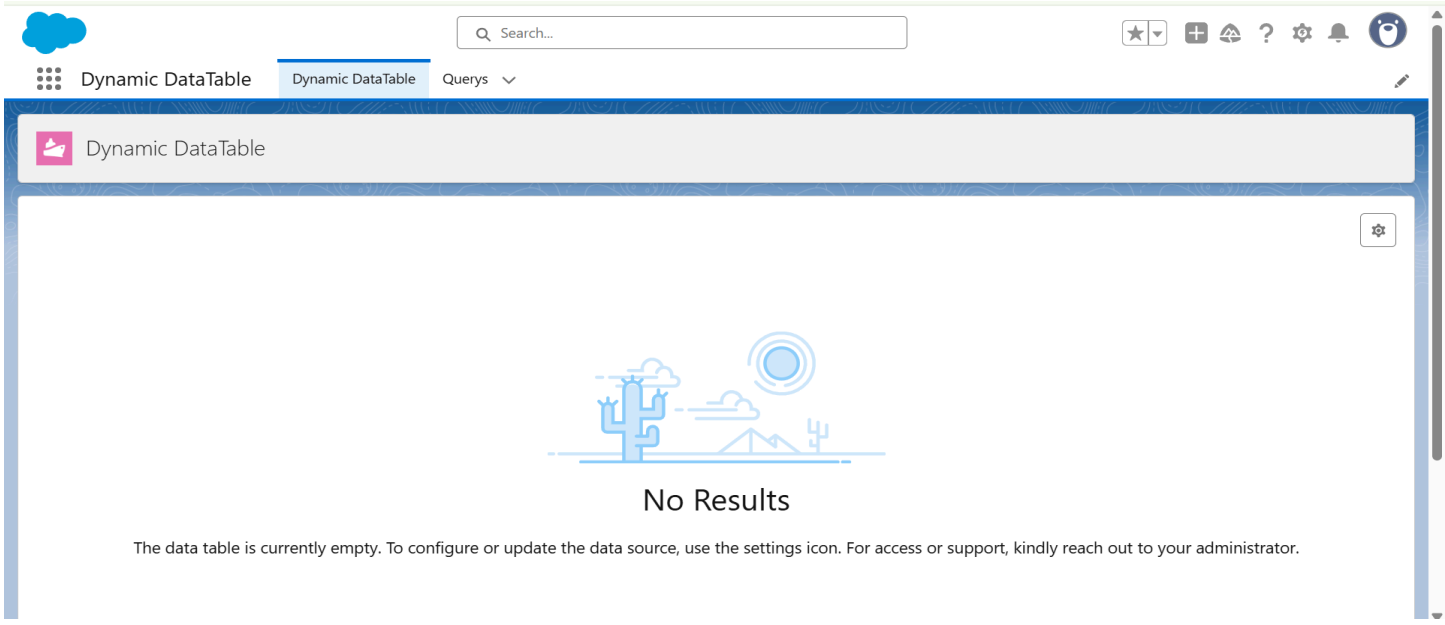
Custom Permissions
Didn't find what you're looking for?
Try using Global Search.
... > SETUP > PERMISSION SET 'DYNAMIC DATATABLE PERMISSIONS'
Dynamic DataTable Permissions
Current Assignments
Add Assignment
No assignments defined

7.2 Verify Access

1. Log in as one of the assigned users.
2. Check if the app is accessible.
3. Ensure the deployed component is visible and functional.





8. Component Configuration Guide

For complete setup and usage instructions, please refer to the Functional Specifications Document. This document provides:

1. Detailed steps on how to configure the DynamicDataTable component after deployment.
2. Explanation of all the features and functionalities included in the component.
3. Guidance on integrating the component within a Lightning App, record page, or other interface