

Unlock Unlimited Data Downloads from Dataverse Tables with Power Automate



Addressing Data Export Challenges in Dynamics Customer Insight

In today's fast-paced business environment, the ability to swiftly and effectively export data stands as a cornerstone for maintaining a competitive edge. For users of *Dynamics Customer Insight*, a pivotal component in the Microsoft suite, the constraint of a limited data download capability from Dataverse tables, capped at 100,000 rows, has been a notable bottleneck. This limitation not only impedes the expediency of data exports in Customer Insight but also impacts on vital *Dynamics Marketing* functions such as lead generation and analytics.

Power Automate: A Strategic Solution for Enhanced Data Access

Power Automate emerges as a strategic solution to this challenge. It's a sophisticated tool tailored to automate workflows across diverse applications and services. It addresses a critical need within *Dynamics Marketing* by facilitating efficient and unlimited data downloads from *Dataverse* tables, thereby overcoming the previous limitations.

Benefits and Business Impact

Unrestricted Data Access: *Power Automate*'s workflow enables businesses to surpass the previous 100,000-row limit, thereby enhancing the efficiency of the data export process.

Operational Efficiency: This innovation significantly curtails time delays in data exports, streamlining operations and improving overall productivity.

Empowered Marketing Efforts: The ability to rapidly access and analyze larger datasets translates into more effective lead generation, and data analytics providing a competitive advantage in marketing strategies.

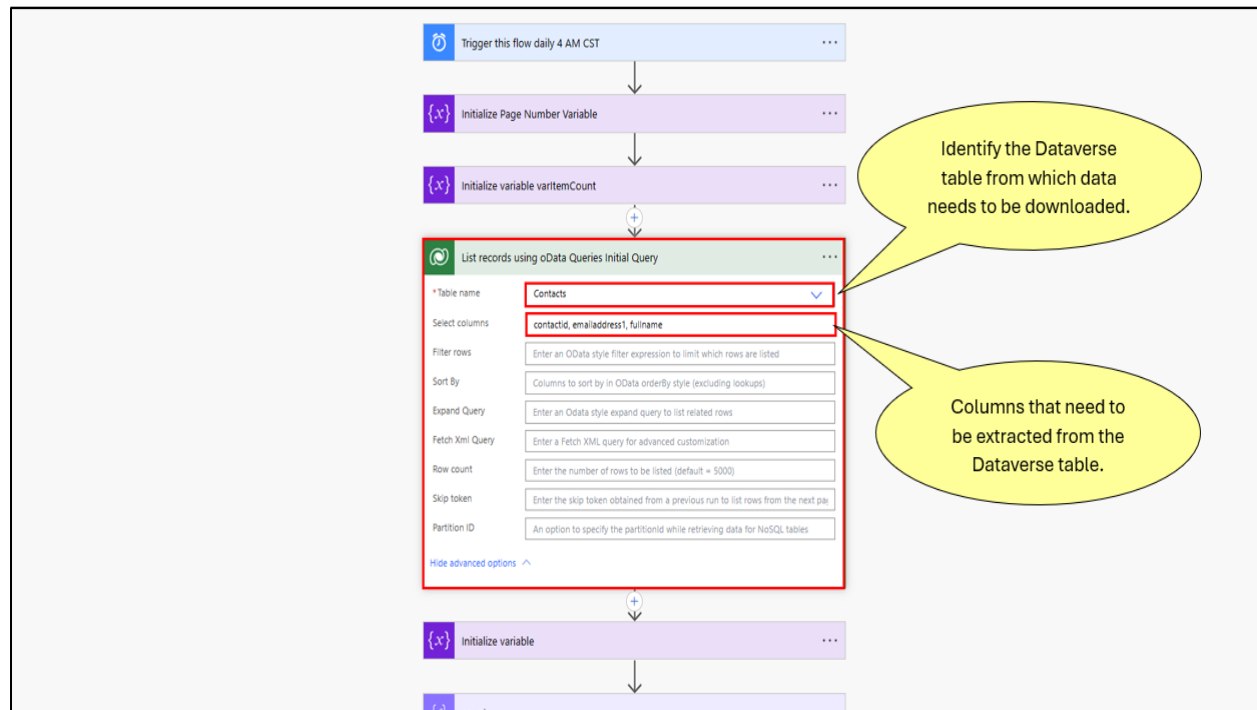
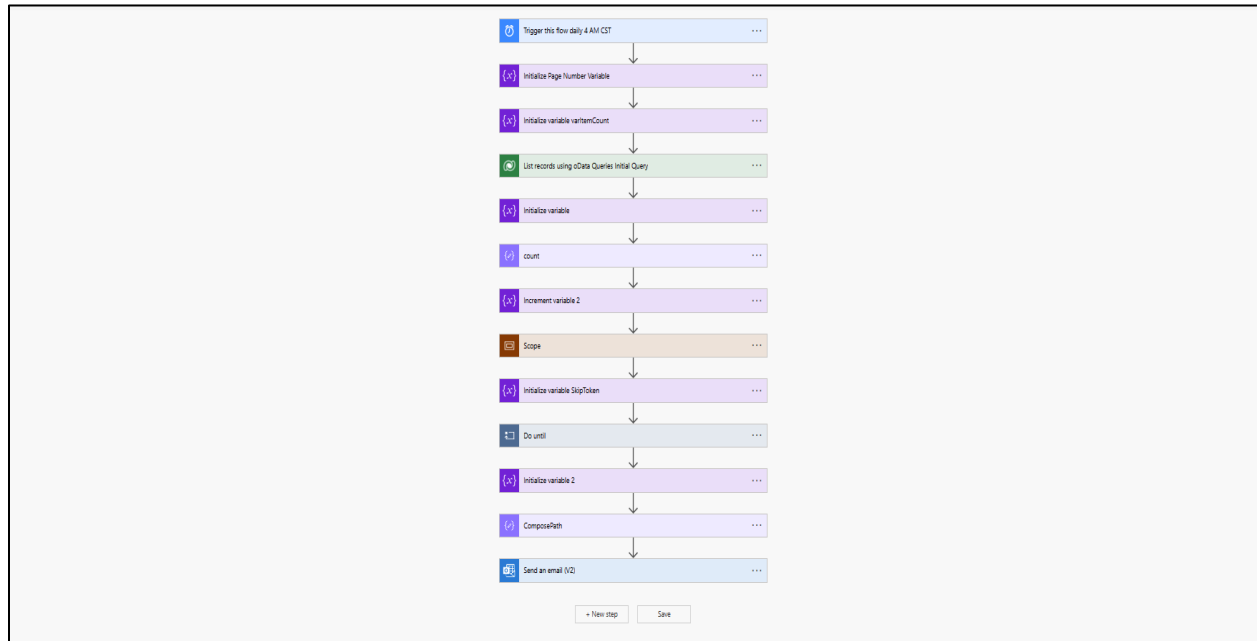
Why Power Automate Over Azure Dataflows?

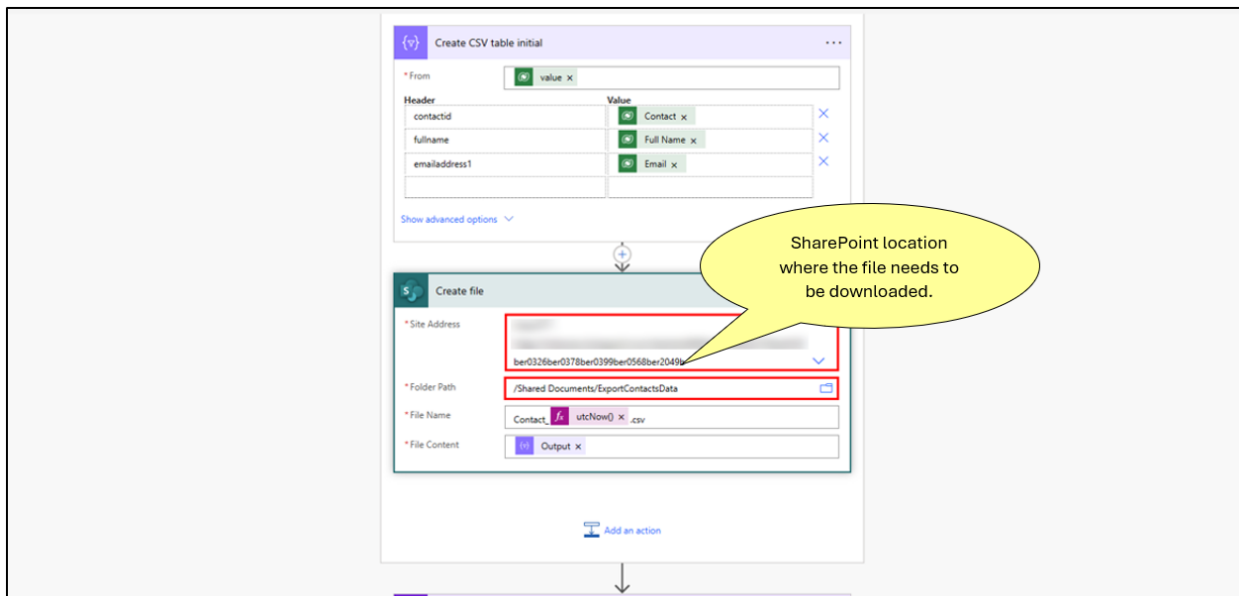
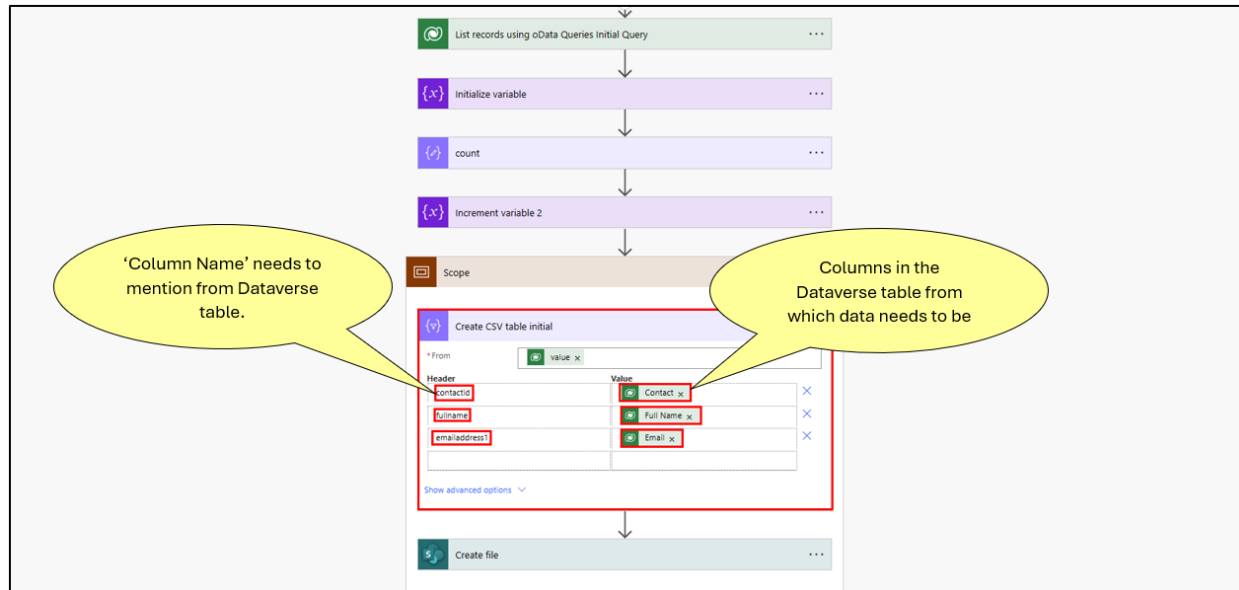
In evaluating potential solutions, *Azure Dataflows* was considered but not selected. While *Azure Dataflows* excels in complex data processing and transformation, the need here was specifically for a tool adept in automating workflows across various platforms, a key strength of *Power Automate*.

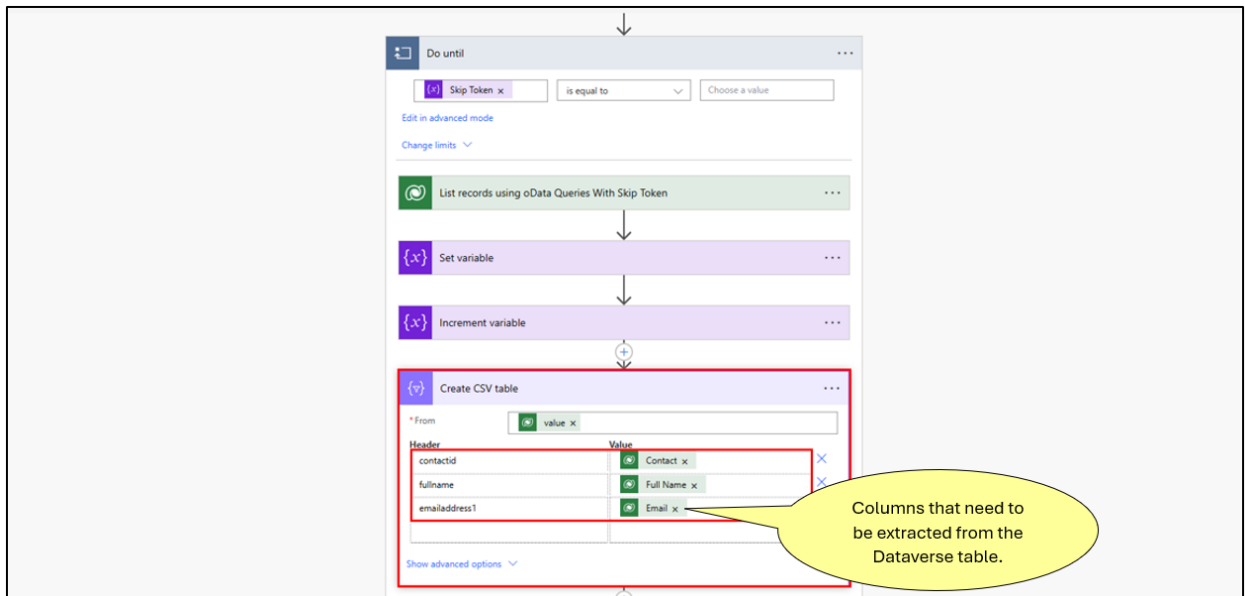
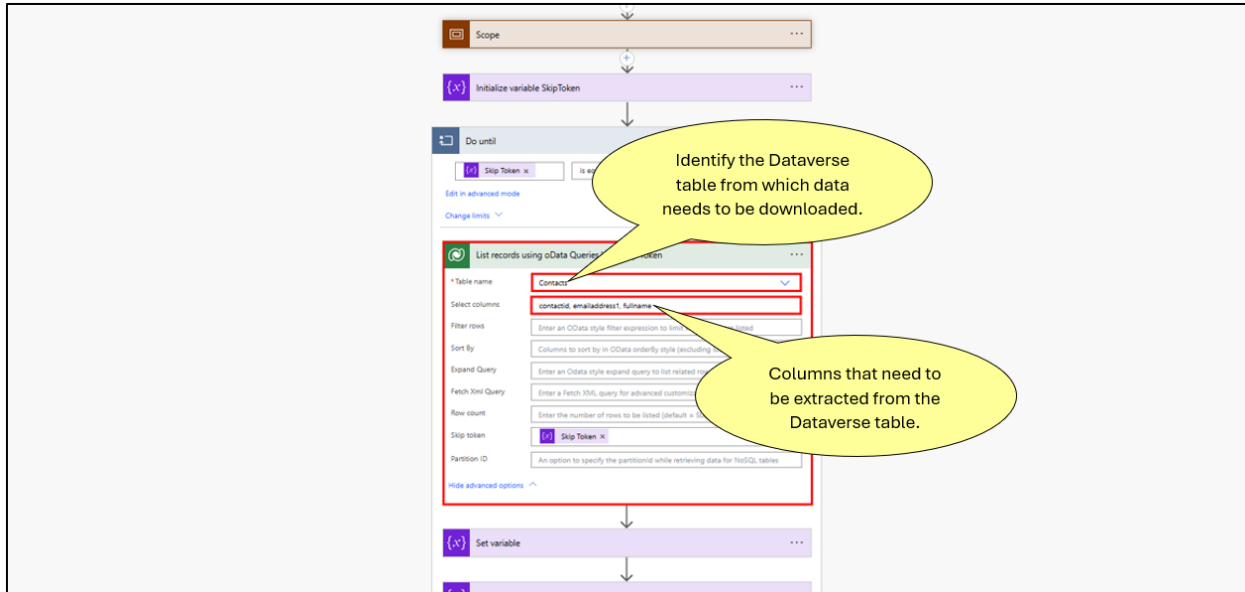
To create a template or copy of this *Power Automate* flow in your environment for downloading data from any other *Dataverse* table, please click this link.

[Create a Copy Of workflow for downloading data from Dataverse table](#)

Unlimited data download using Power Automate flow







scope

Create CSV table initial

From: value x

Header	Value
contactid	Contact x
fullname	Full Name x
emailaddress1	Email x

Show advanced options

Add dynamic content

Create file

Add an action

Initialize variable SkipToken

Do until

Initialize variable 2

Add dynamic content from the apps and connectors Hide used in this flow

Dynamic content Expression

Search dynamic content

List records using oData Queries Initial Query

- value List of items
- body List of tables
- body/value - item
- Next link The url to fetch next page data.
- Email Type the primary email address for the contact.
- odata id OData row id
- Contact Unique Identifier of the contact.
- Full Name Combines and shows the contact's first and last names...

Do until

SkipToken x is equal to Choose a value

Edit in advanced mode

Change limits

List records using oData Queries With Skip Token

Set variable

Increment variable

Create CSV table

Get file content

Site Address

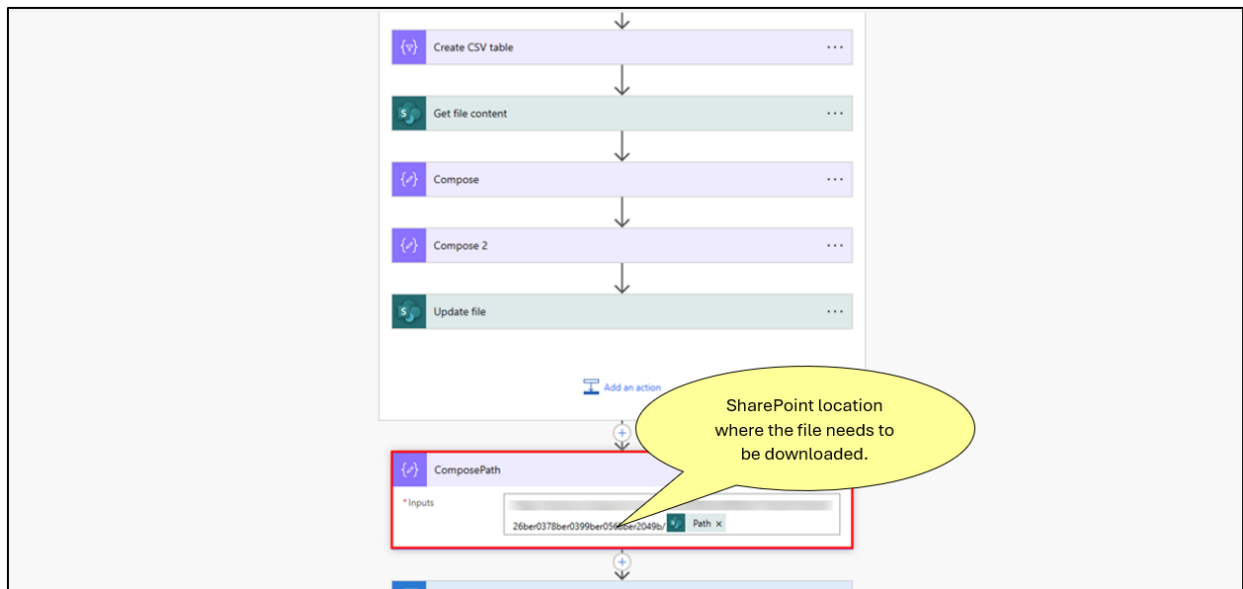
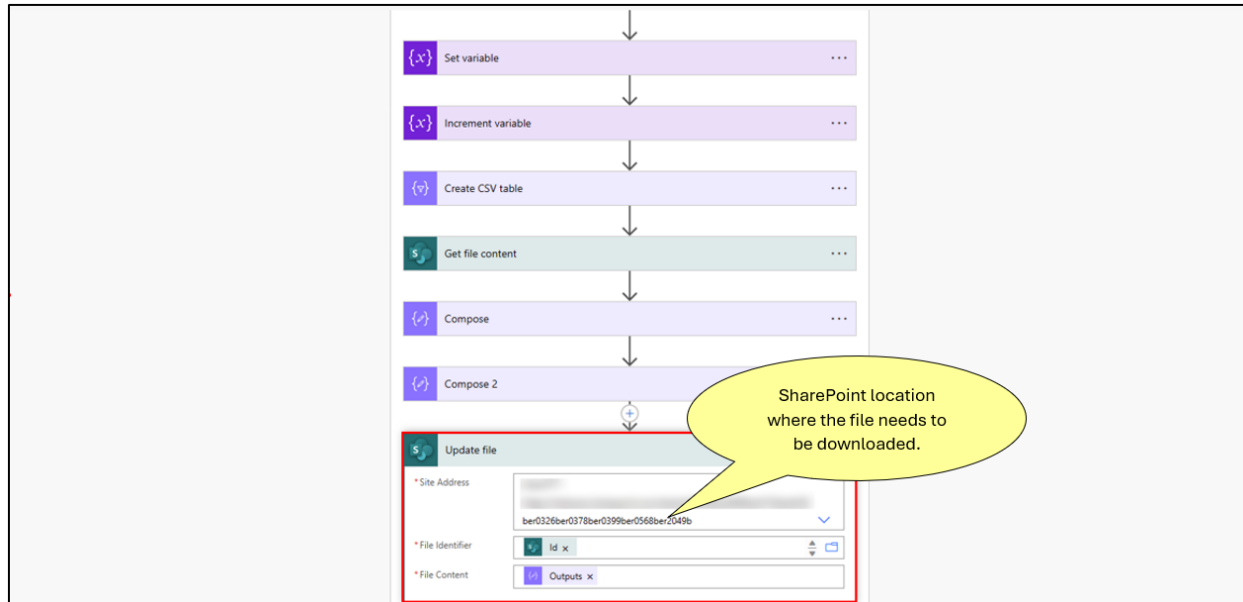
File Identifier

ber0326ber0378ber0399ber0568ber2490

id x

Show advanced options

SharePoint location where the file needs to be downloaded



Update file

Add an action

ComposePath

Send an email (V2)

To: j...@microsoft.com

Subject: Contacts Data File Downloaded

Body:

```

</>
<p>&nbsp;&nbsp;&nbsp;Hi,<br>
<br>
<a href="{&#x27;&#x27;Outputs x'&#x27;&#x27;</a> <a href="{&#x27;&#x27;Outputs x'&#x27;&#x27;
custom="}&#x27;&#x27;</a><br>
Thanks</p>

```

Show advanced options

Email the individual who needs to send the notification for the data download, including the SharePoint location.

Name	Modified	Modified By	File Size
Contact_2023-10-27T16_06_47.9387752Z.csv	6 days ago	Makhija, Jagjeet	40.5 MB

SharePoint location where data files are downloaded.

Hi,

https://...//Shared Documents/ExportContactsData/Contact_2023-11-02T09_00_05.9403416Z.csv

Total Count: 5000

Thanks

Reply Reply all Forward

Email template including the SharePoint location where the data file is downloaded.