

*For Power Pages, you can only use Dataverse



Do you want to create relationships between multiple tables/lists?

Do you want to create a relationship to a table/list that contains more than 5000 items?

Can you re-think your architecture so that you don't need to do a lookup to a table/list with > 5000 items?

Even if the SharePoint lookup column limit is 5.000 items, it's not a good idea to have large dropdowns (UX). **SharePoint is not a relational database!**

What kind of relationship do you need?

Multiple one-to-many or many to many relationships

Will you reach more than 1.000.000 or > 2GB records in the lifetime of your solution?

Do you want ALM or AI Builder?

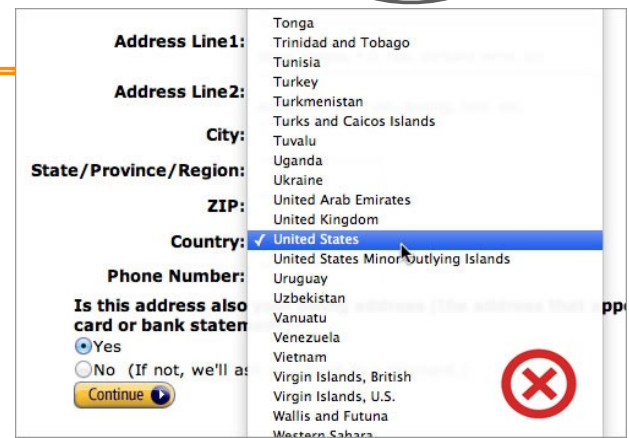
Dataverse for Teams might be an option

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SharePoint List(s) might be an option (Microsoft List(s))

SharePoint Lists (Microsoft Lists)

- Easy to use
- Included in M365 license
- No complex relations (many-to-many)
- Limits to lookup (one-to-many relations), max 5000 item lookups
- Complex ALM: Not part of the solution package



An example of a relationship is a Support Ticket list that is linked with a Employee list

Dataverse

- Simple, for non-developers
- Design tables without software
- **Complex relationships**
- Management of permissions through web-interface
- Access to pre-built entities
- Simplicity of database attached to environment
 - No need to configure Azure firewall
- **ALM: Entities part of the solution package**
 - Azure DevOps (Pipelines)
 - AI Builder
- No advanced backups
- Price

Azure SQL

- More ways to access data, not limited to Power Automate, Power BI or Power Apps
 - Complex relationships
- Use built-in tools for backups and restoring data
 - Bulk import with SSIS
- Optimize data retrieval and join SQL tables
 - Stored procedures for complex data
- **Complex ALM: Not part of the solution package**
 - Need to be managed and maintained
 - Price

Dataverse for Teams

- Included in most M365 licenses
- Light version of CDS
- Complex relationships
 - No ALM (yet)
- Limited to 2GB data storage
 - Limited to 1.000.000 records
 - No AI Builder

This chart is built to help you choosing your data layer from a Power Platform point of view. However, every situation is different and all requirements need to be investigated carefully before deciding.

Dataverse for Teams environments can be upgraded to Dataverse