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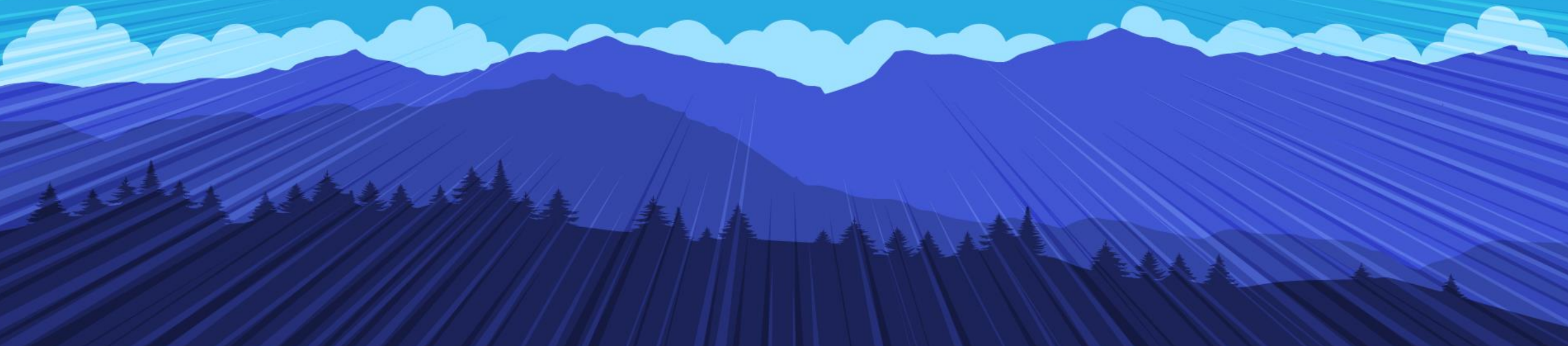
DYNAMICS CON

LIVE

MAY 2024

Virtual Tables in Model-driven Apps

Lokesh Patel



Virtual Tables in Model-driven app:

- **Intro**
- Dataverse
- Virtual Table
- Demo
- Administration
- Troubleshooting
- Q&A



Introduction

Senior Manager, Enstoa

7+ years working with D365 and Power Platform

Atlanta, GA D365 User Group Chapter Leader



Lokesh Patel



Power BI Power Apps Power Automate

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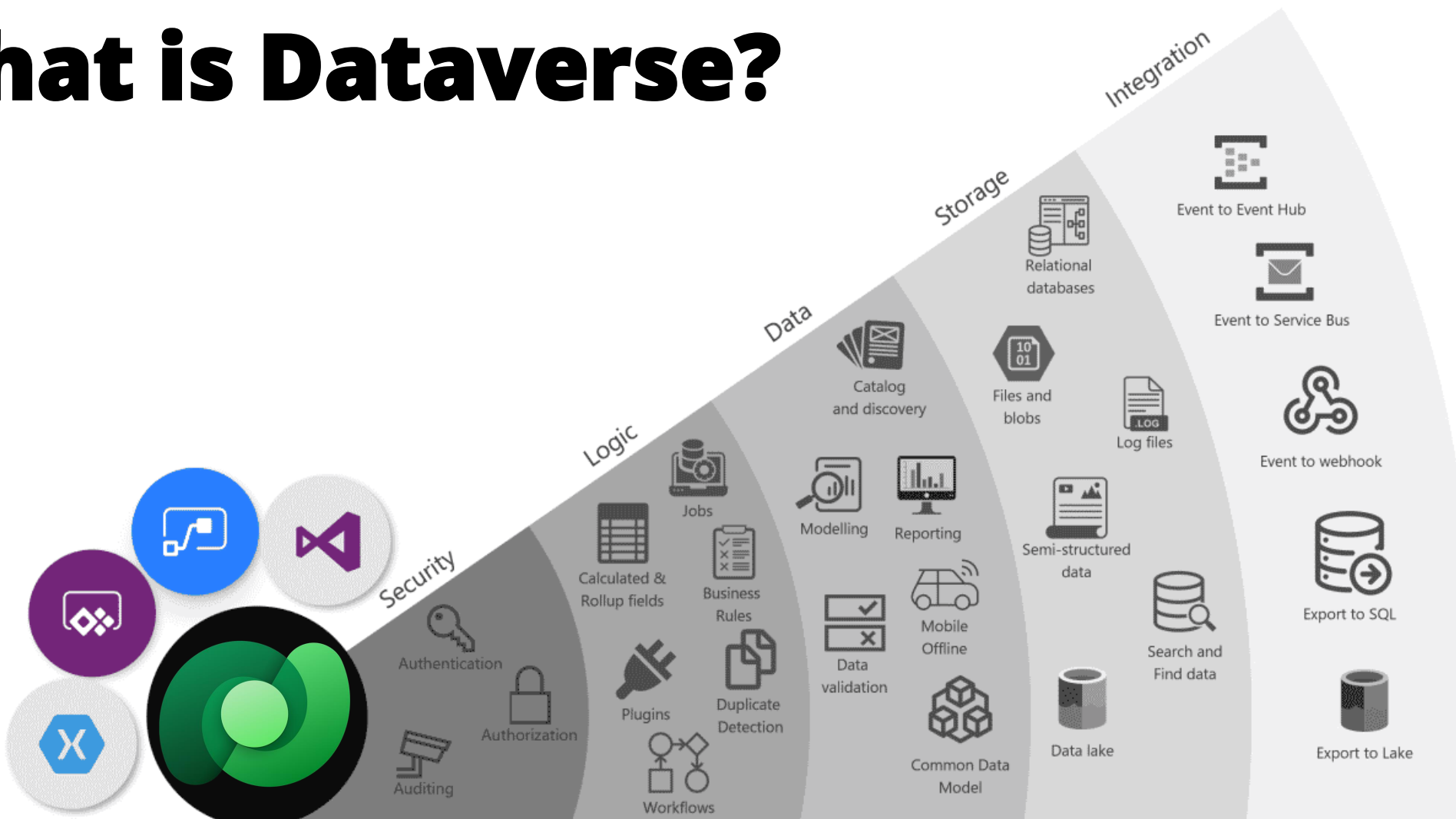


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What is Dataverse?



How do you use Dataverse?



Microsoft Dynamics 365



Microsoft Power Platform



Microsoft Dynamics 365
Customer Service



Microsoft Dynamics 365
Sales



Power Apps



Power Automate



Power BI



Power Virtual Agents



Power Pages

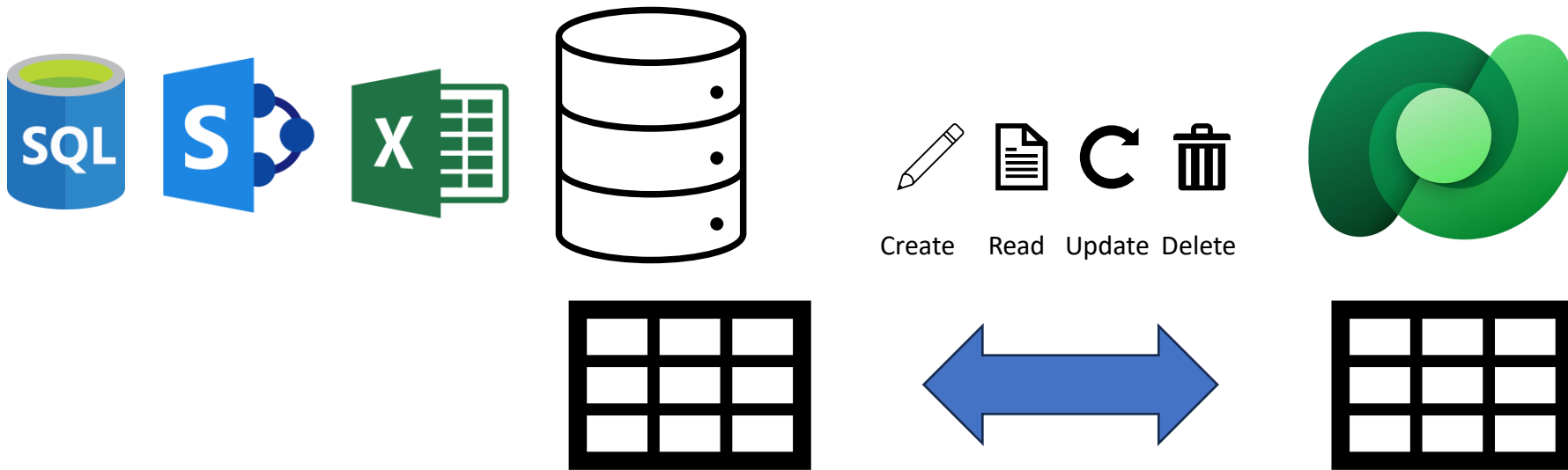


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Virtual Table



Compatible Datatypes:

- String
- Multiline text (memo)
- Whole Number/Integer
- Decimal
- Float
- Date/time
- Yes/No (boolean)
- Choices (multi-value select)
- Hyperlink/Url

Not Compatible:

- Files and attachments
- Images
- Lookup



Virtual Table



Power Apps



Power Automate



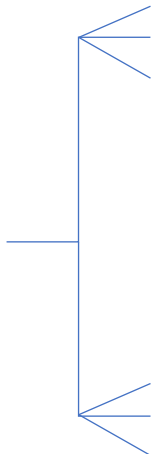
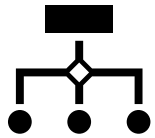
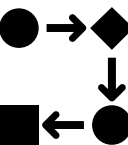
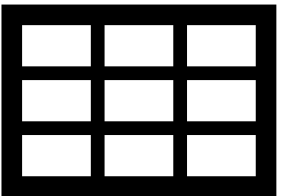
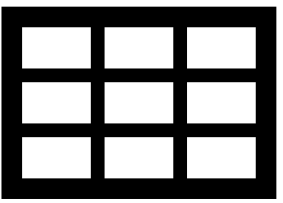
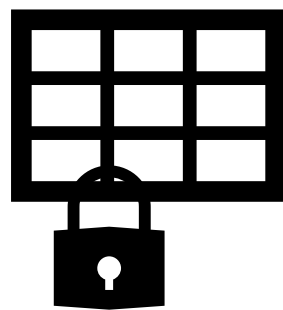
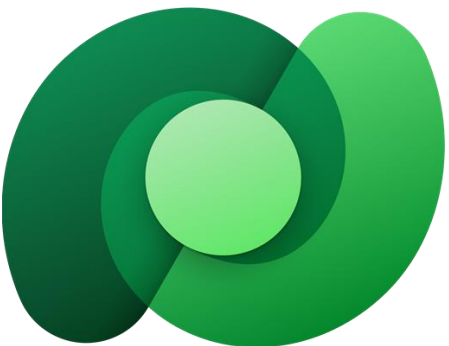
Power BI



Power Virtual Agents



Power Pages

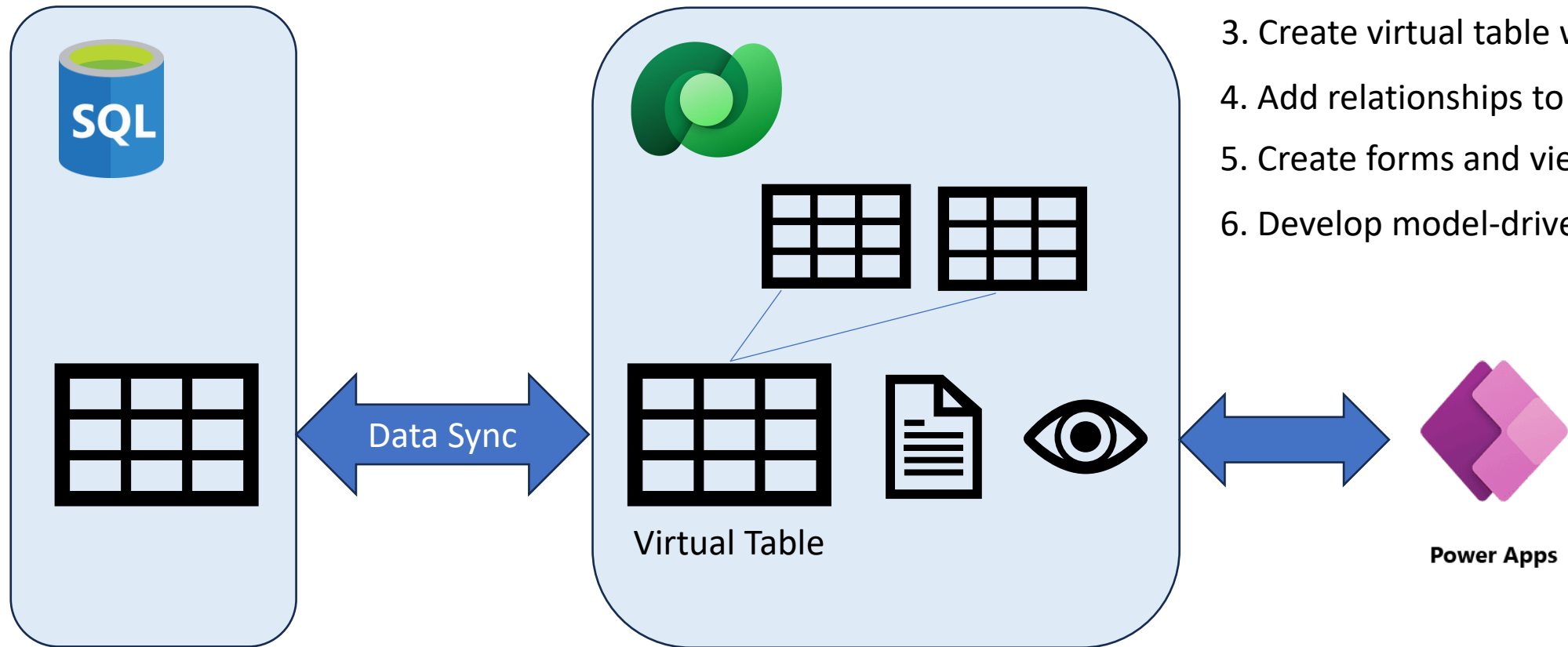


Virtual Tables in Model-driven app:

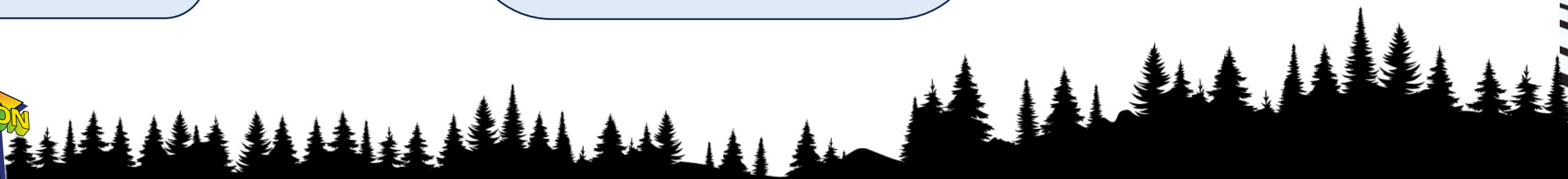
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Data Movement



1. Work in a solution
2. Configure connection to SQL server
3. Create virtual table with metadata
4. Add relationships to other tables
5. Create forms and views
6. Develop model-driven Power App





DEMO

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Administration

- GUID vs ID
- Record is owned by the organization
- Cannot create additional columns
- Auditing is not supported
- Cannot change a virtual table to standard table, or vis versa



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Troubleshooting

- Primary Key
- Dates
- Views
- Person column





Q&A