



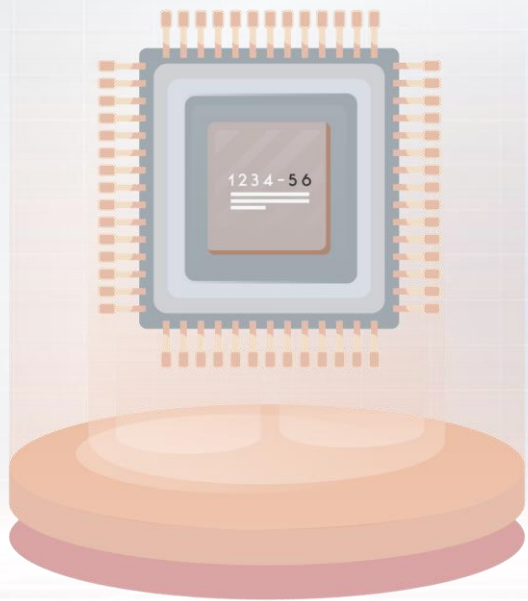
Data Service || UIPATH

Learning about Data Service in UiPath

The background features a light gray grid. In the top-left corner, there are several overlapping triangles in shades of gray and white. In the top-right corner, there are concentric circles in shades of gray and white. In the bottom-left corner, there are more overlapping triangles in shades of gray and white. In the bottom-right corner, there are concentric circles in shades of gray and white. The overall design is modern and geometric.

WHOA!

Overflowing gratitude for acquiring new knowledge on data services,
ready to spread the wisdom, hoping it'll make a difference!



01

INTRODUCTION

About Data Service - UiPath

What is Data Service?

The **UiPath Data Service** is a persistent data storage service bringing powerful no-code data modeling and storage capabilities to your Robotic Process Automation (RPA) projects. In other words, it offers the capability to define relational business objects and store records on the Automation Cloud.

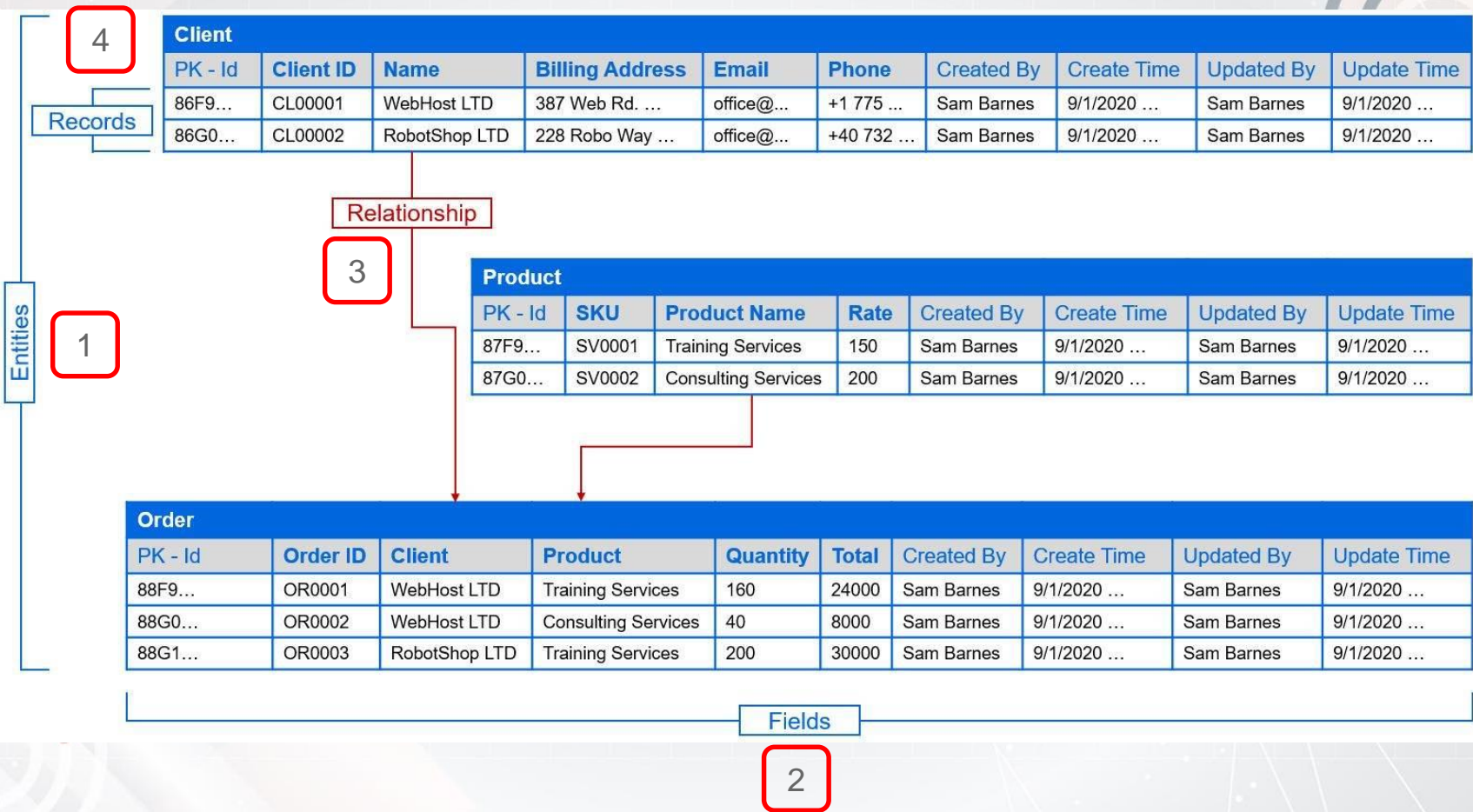


What are the key components of Data Service?

Let's take a moment to get familiar with the key components of the Data Service:

1. Entities
2. Fields
3. Relationships
4. Records

Below you can see a schema created in Data Service..



How do you use Data Service?



In UiPath Data
Service



In UiPath Studio

In UiPath Data Service



Access Data
Service

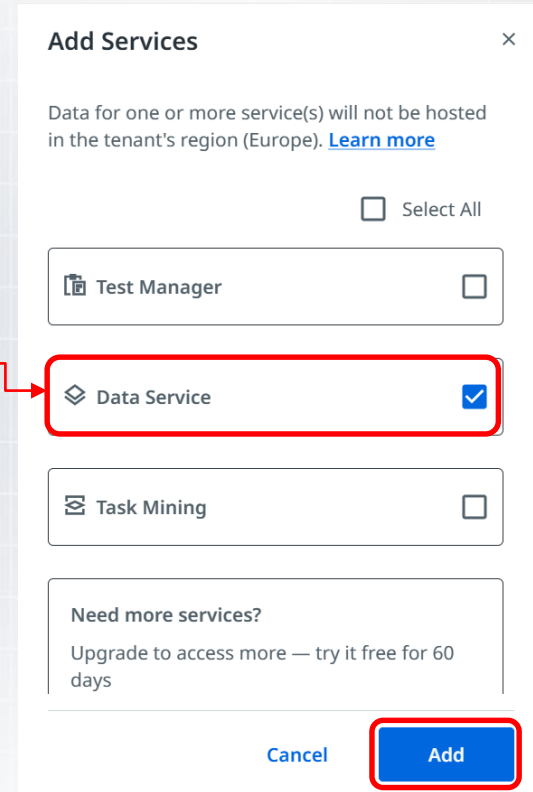
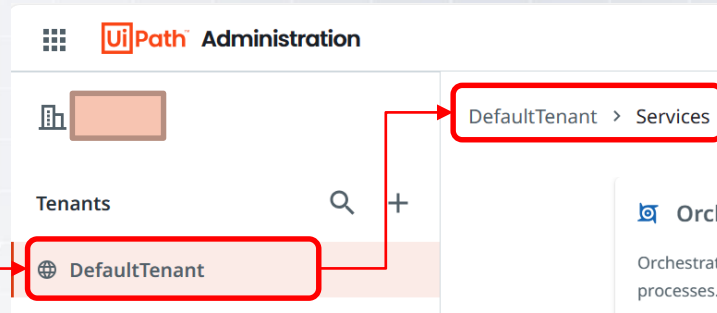
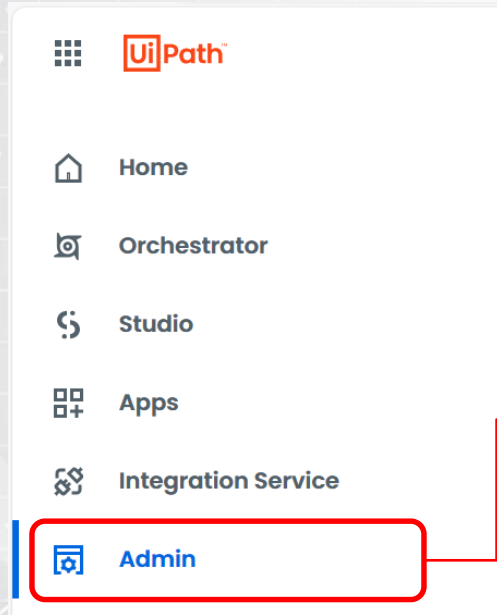


Create your
Entities



Create
your **Fields**

Access Data Service on the UiPath Automation Cloud



Create your Entities

UiPath Data Service

We have created default roles to help you onboard users quickly. [Check them out](#)

Entities

Import/Export Use in Studio Refresh

Display Name	Name	Description	# of Fields	# of Records	Last modified on
--------------	------	-------------	-------------	--------------	------------------

[Create New Entity](#)

Create Entity

Display Name *

Client

Name *

Client

Description

Example Entities

☐ Create another

Cancel

Save

Create your Fields

UiPath Data Service

Entities > Client

Import data Create New Field Add data

Fields Data

Search Refresh

Display Name	Name	Type	Required	Is unique	Description	Last modified on
Id	Id	Text	Yes	No	System built-in field	a few seconds ago
UpdateTime	UpdateTime	Date-Time	No	No	System built-in field	a few seconds ago

Create Field

Display Name *
Client ID

Name *
ClientID

Type *
Text

☒ Required
☒ Unique values only

More details

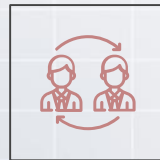
☐ Create another

Cancel Save

In UiPath Studio



Import your **Entities** into a dedicated namespaces in UiPath Studio



Install the **Data Service Activities Pack**



Create **variables** and **arguments** using your entities as variable types



Use the new activities to **create, query, modify or delete** records upon process execution.

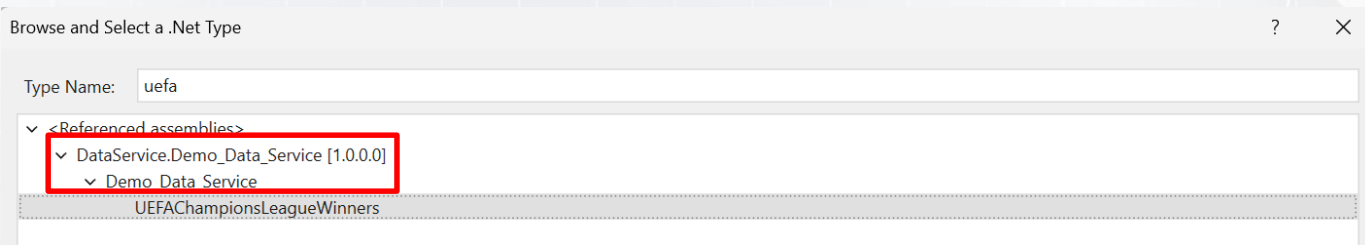
Import your Entities

The screenshot shows the UiPath Manage Entities dialog box. The top toolbar has several icons, with 'Manage Entities' highlighted by a red box. The dialog box has a title bar 'Manage Entities' and a subtitle 'UiPath Data Service'. Below the subtitle is a search bar 'Search Entities'. A table lists the entities:

<input type="checkbox"/>	Entity Name	Changes	Fields	Records
<input type="checkbox"/>	SystemUser	7	5	
<input checked="" type="checkbox"/>	TopGoalScorersinUEFAChampions	10	15	
<input checked="" type="checkbox"/>	UEFAChampionsLeagueWinners	7	3	

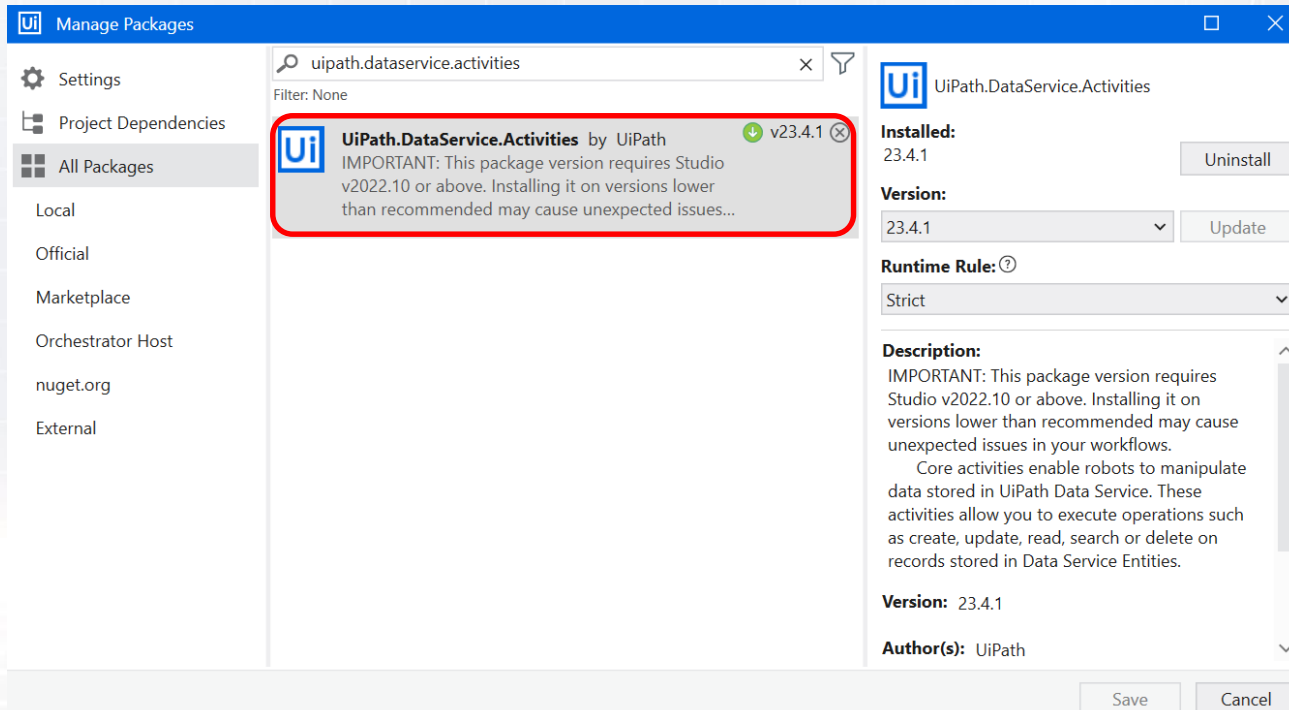
Below the table is a 'Namespace' field with the value 'Demo_Data_Service'. At the bottom right, there are 'Save' and 'Cancel' buttons, with the 'Save' button highlighted by a red box.

Create variables and arguments

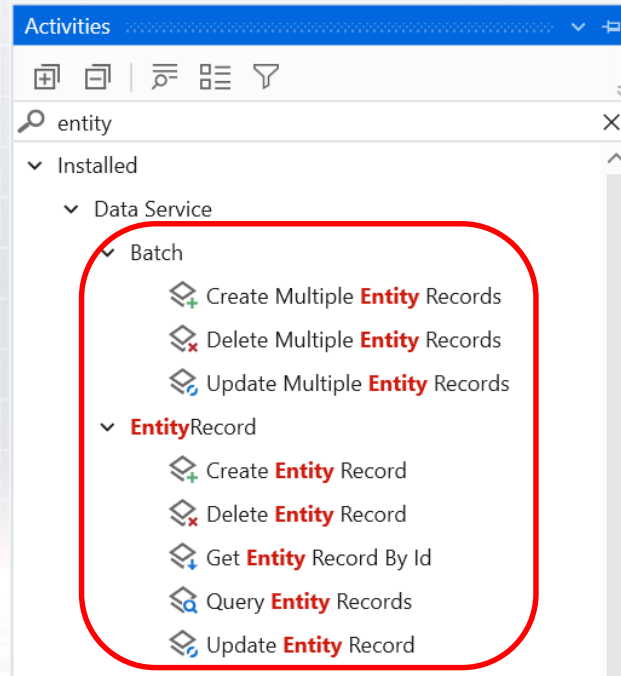


Name	Variable type	Scope	Default
TopScores	TopGoalScorersinUEFACHampions	Body	Enter a VB expression
ExtractDataTable	DataTable	Do	New System.Data.DataTable
str_Winner	String	Do	Enter a VB expression
str_Season	String	Main Sequence	Enter a VB expression
ChampionWinner	UEFACHampionsLeagueWinners	Main Sequence	Enter a VB expression

Install the Data Service Activities

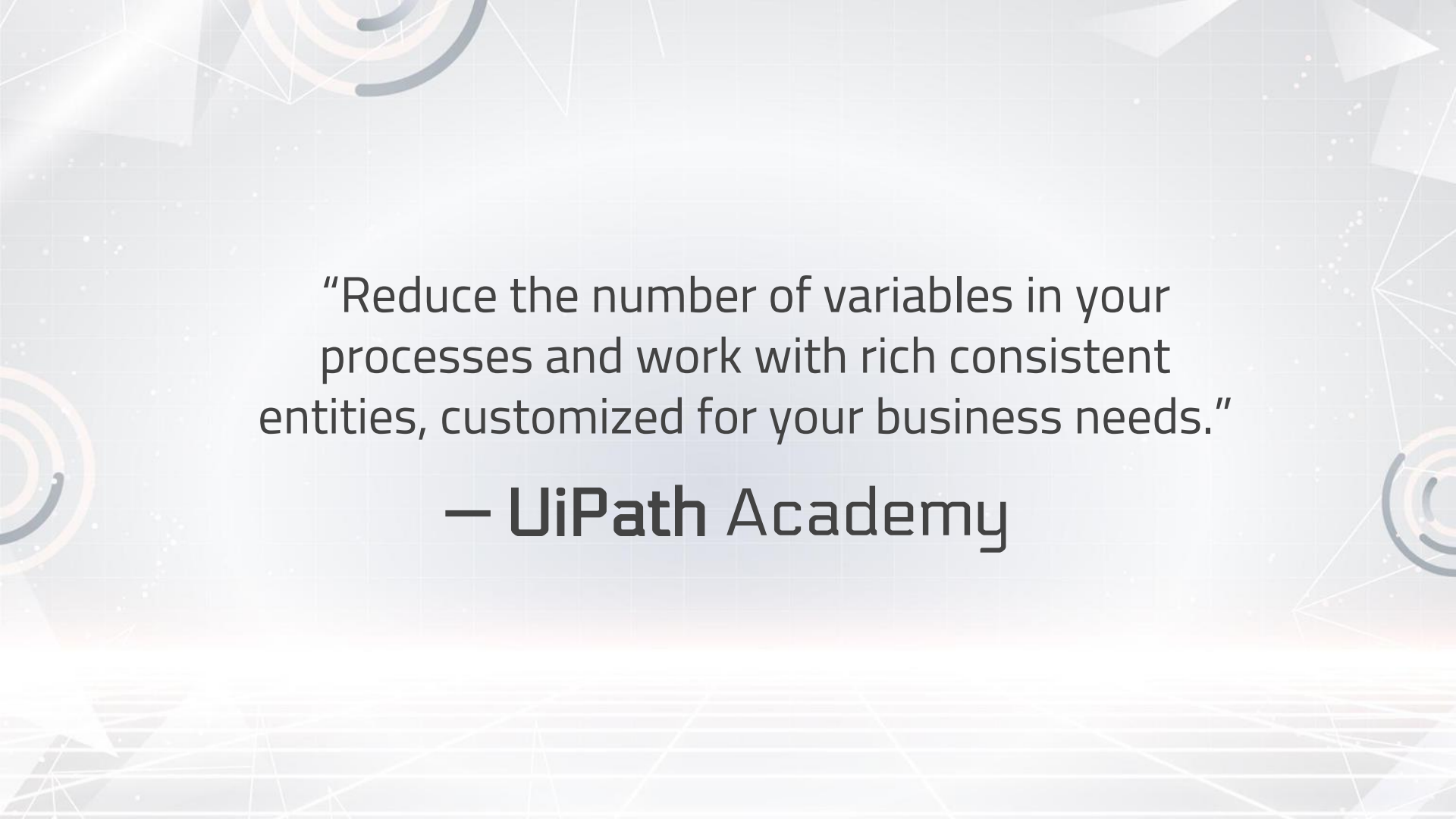


Use activities to create, query, modify or delete





BENEFITS DATA SERVICE



"Reduce the number of variables in your processes and work with rich consistent entities, customized for your business needs."

– UiPath Academy



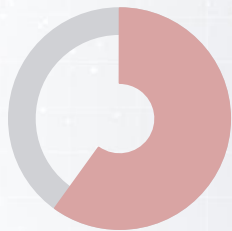
Store completely new
and also existing data



SECURE, PERSISTED, AND ACCESSIBLE

Secured, persisted, and accessible storage that enables you to keep all your data in a dedicated place

OTHER BENEFITS



Seamlessly access your entities, records, and documents



Define rich metadata like relationships, rules, attributes for your entities, and store documents associated with the defined entities



Define, modify, and extend business entities and store records for those entities

THANKS!

Do you have any questions?
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