Data Service || UIPATH

Learning about Data Service in UiPath

WHOA!

Overflowing gratitude for acquiring new knowledge on data services, ready to spread the wisdom, hoping it'll make a difference!
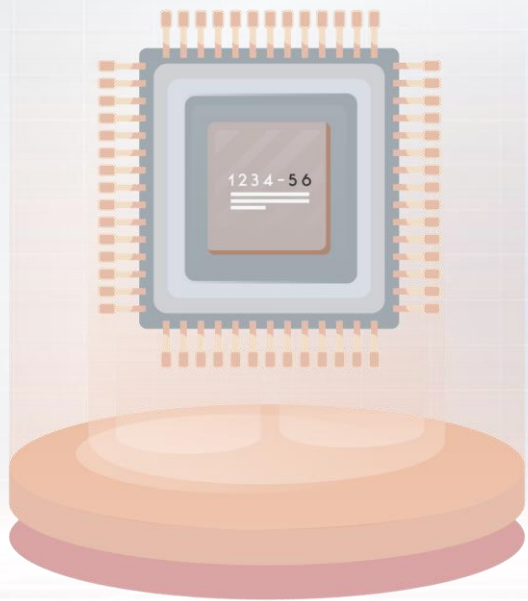
01

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.
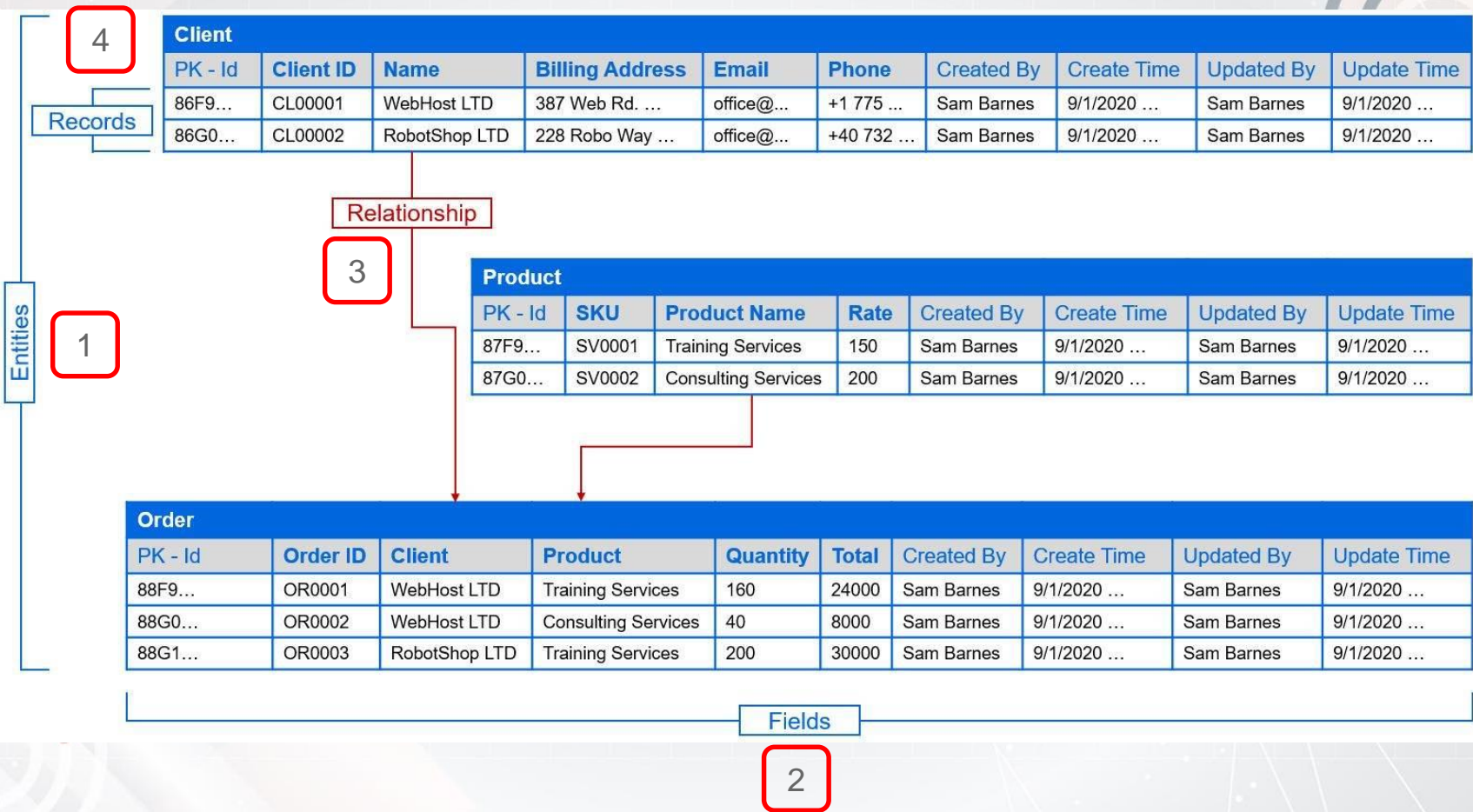
What are the key components of Data Service?

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..

4 — Records

Client

PK - Id	Client ID	Name	Billing Address	Email	Phone	Created By	Create Time	Updated By	Update Time
86F9…	CL00001	WebHost LTD	387 Web Rd. …	office@…	+1 775 …	Sam Barnes	9/1/2020 …	Sam Barnes	9/1/2020 …
86G0…	CL00002	RobotShop LTD	228 Robo Way …	office@…	+40 732 …	Sam Barnes	9/1/2020 …	Sam Barnes	9/1/2020 …

Relationship

3

Product

PK - Id	SKU	Product Name	Rate	Created By	Create Time	Updated By	Update Time
87F9…	SV0001	Training Services	150	Sam Barnes	9/1/2020 …	Sam Barnes	9/1/2020 …
87G0…	SV0002	Consulting Services	200	Sam Barnes	9/1/2020 …	Sam Barnes	9/1/2020 …

1

Entities

Order

PK - Id	Order ID	Client	Product	Quantity	Total	Created By	Create Time	Updated By	Update Time
88F9…	OR0001	WebHost LTD	Training Services	160	24000	Sam Barnes	9/1/2020 …	Sam Barnes	9/1/2020 …
88G0…	OR0002	WebHost LTD	Consulting Services	40	8000	Sam Barnes	9/1/2020 …	Sam Barnes	9/1/2020 …
88G1…	OR0003	RobotShop LTD	Training Services	200	30000	Sam Barnes	9/1/2020 …	Sam Barnes	9/1/2020 …

Fields

2

How do you use Data Service?

In UiPath Data Service

In UiPath Studio

In UiPath Data Service

Access Data
Service
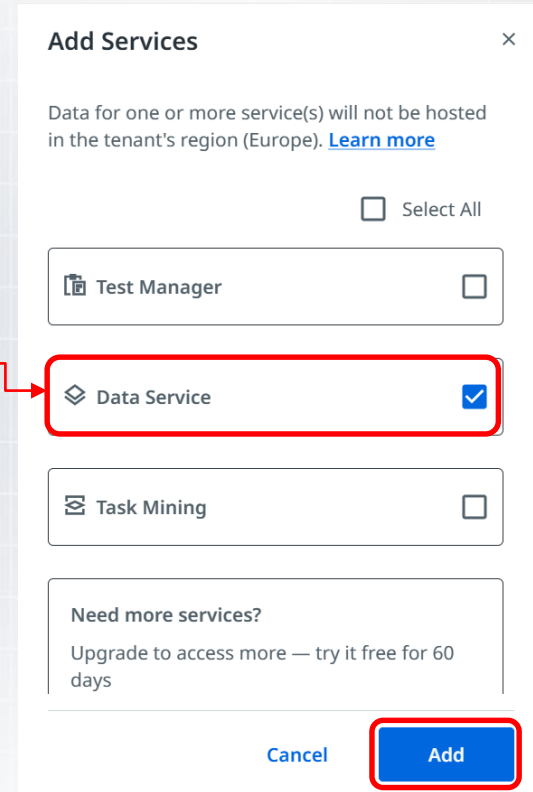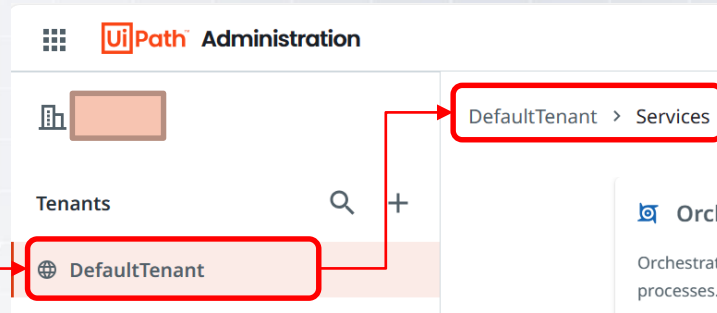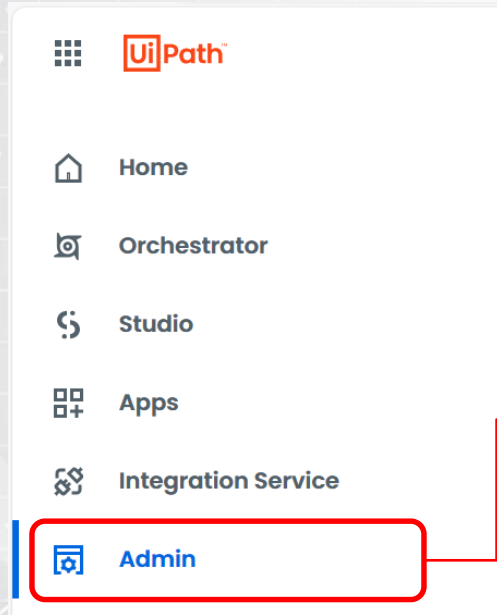
Create your
Entities

Create
your **Fields**

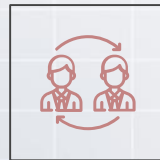# Access **Data Service** on the **UiPath** Automation Cloud

Create your Entities

Create your Fields

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.
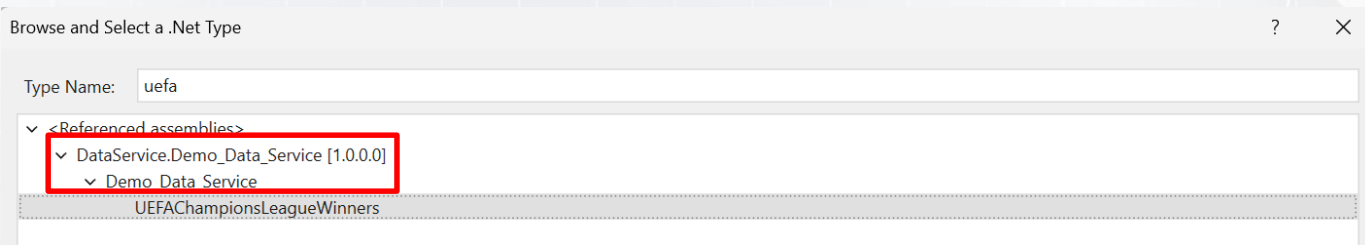
Import your Entities

Create **variables** and **arguments**

Browse and Select a .Net Type   ?   ×

Type Name: uefa

∨ <Referenced assemblies>
   ∨ DataService.Demo_Data_Service [1.0.0.0]
      ∨ Demo_Data_Service
            UEFAChampionsLeagueWinners

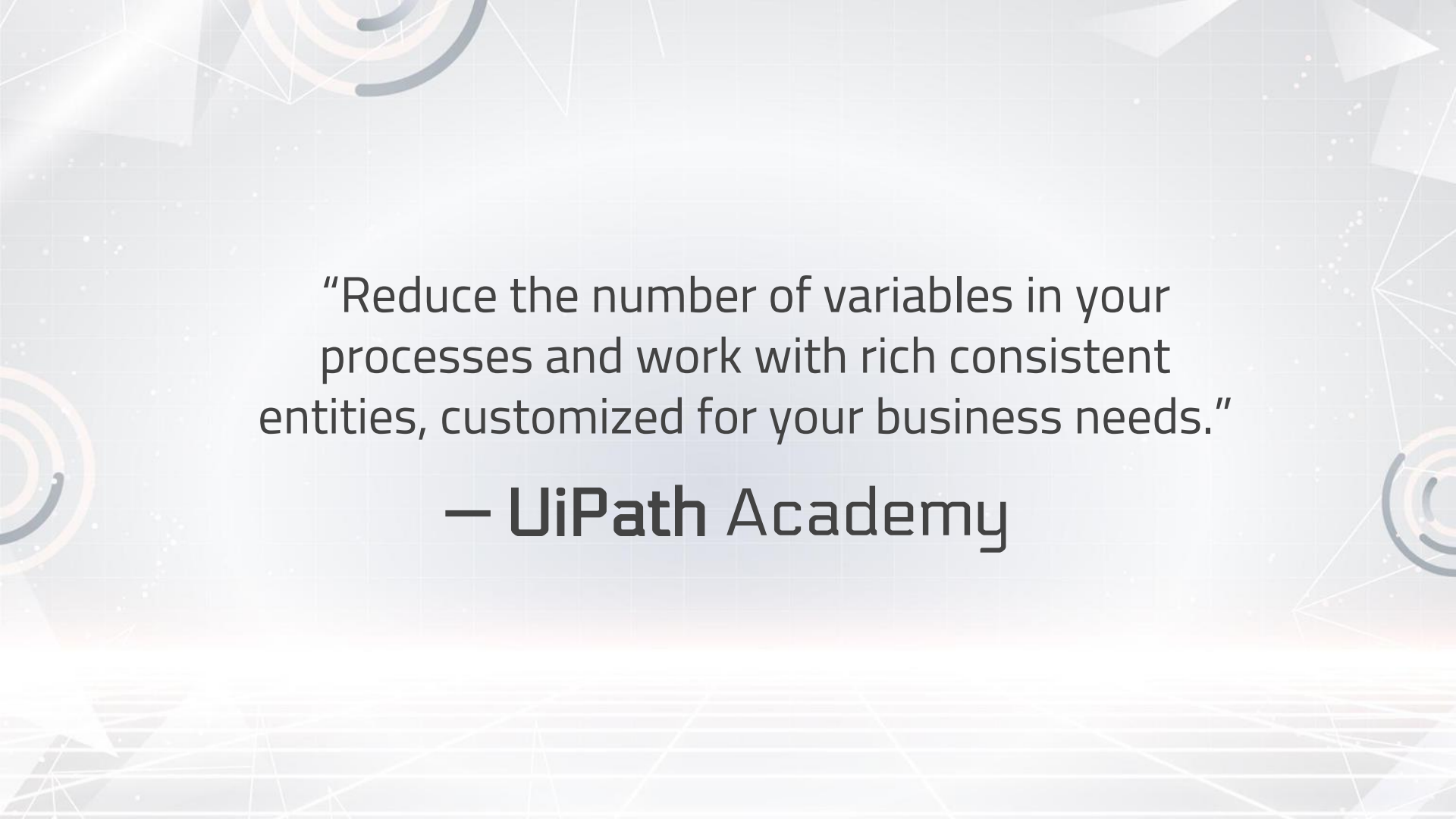| Name	Variable type	Scope	Default
TopScores	TopGoalScorersinUEFAChampions	Body	*Enter a VB expression*
ExtractDataTable	DataTable	Do	New System.Data.DataTable
str_Winner	String	Do	*Enter a VB expression*
str_Season	String	Main Sequence	*Enter a VB expression*
ChampionWinner	UEFAChampionsLeagueWinners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

Install the Data Service Activities
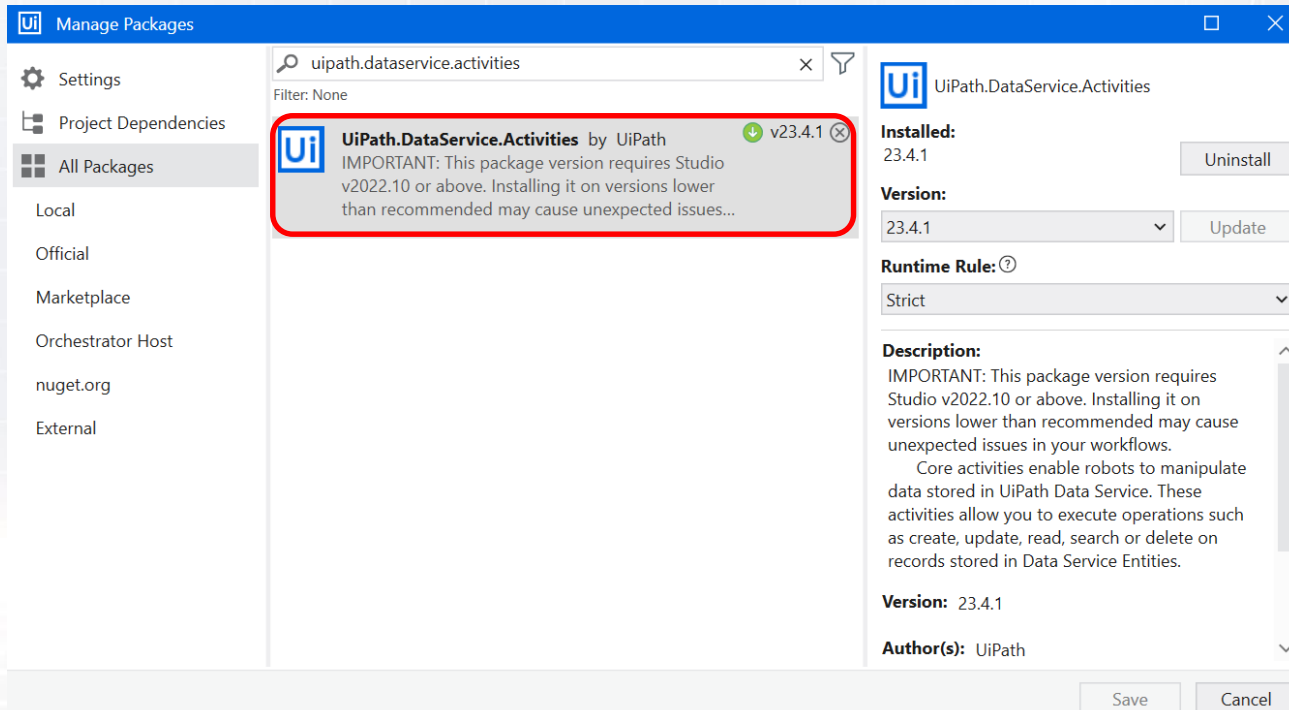
Use activities to **create**, **query**, **modify** or **delete**
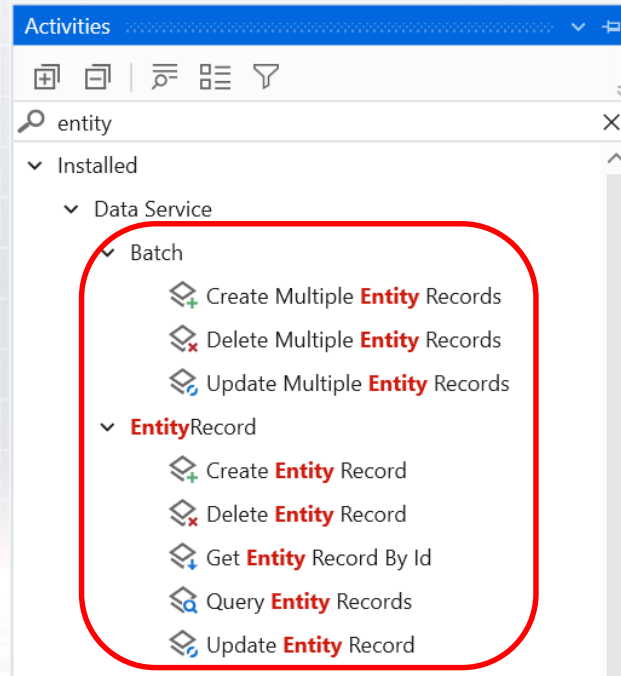
BENEFITS
DATA SERVICE

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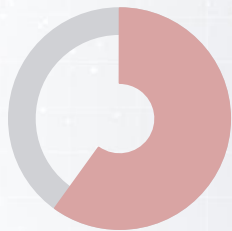
— **UiPath** Academy

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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