Once you've created a **Lookup Key** for a table, you can use it to link records in one table to another.

## **Linking Existing Data Tables**

To link a data table to another, navigate to the data table you want to link. In this example, we'll be connecting the **Trainees** table to a table of **Trainings**.

DevResults Online Learning Sandbox System		Quick search C	Help	9
Dashboard Activities <b>Results</b> Calendar Docume				
Home 🕨 Results 🔺 Data Tables				
Search data tables			Q	<b>Q</b> -
Name 个	# Rows	Columns		
Gross Margins for Crops	200	Date of sale, Crop type, Quarterly cost per kg, Price per kg, Gross margin, Department, Activity		
PwP interventions log	997	Activity, Location, Date of service, Patient ID number, HIV Status, Sex, Age		
Trainees	100	Trainee ID, Sex, Age		
Trainings	0	Activity, Location, Date of training, Trainee		
DevResults			• New Da	ta Table

Click on the **Design** tab.

DevResults Online Learning Sandbox System	Quick search	۹ 🛛	Help	
Dashboard Activities <b>Results</b> Calendar Documents Photos Administration				
Home * Results * Data Tables * Trainings				
Trainings				
Data Design				
<b>Ξ</b> Search			٩	<b>\$</b> -
0 rows 👔 Delete 🗘 Add new row				
No data has been added to this data table. Add a row or import data to get started.				
DevResults	Ritika Bhasker (9 Apr 2018)	Delete this data tak	le 🗸 I	Done

This table already has several columns added, including Name of Training, Date of Training, and where it was held. To pull in individual trainee information from the Trainees table, click on **(+) Add new column**.

In the popup, you can specify what the column should be called. Click on the dropdown for **Type** and select Table. You can now click on the Table dropdown and select which data table you would like to connect.

Online Learning Sandbox System		Quick search	Q 🛛 Help	9
Dashboard Activities Results Calendar Documents Pl	notos Administration			
Home * Results * Data lables * Trainings				
Irainings				
Data Design				
Columns		Definition		
Add new column	Save changes			
Column	Туре	Table Name Trainings		
\$ Activity	Activity			
Location	Geography: Country	Linked Indicators		
Date of training	Date	This data table is not linked to any indicators.		
		+ Add an indicator mapping		
Lookup Key				
Configure how rows from this table are shown in other tables.				
Lookup key is required for this table to be referenced by other tables and must produc	e a unique value for each row in the table.			
Enter the lookup key with column names in [brackets]				
Dormissions				
1 611113510113				
Define what access partner users have to this table				
No Access 🔹				
The Poor lite		Created by Ritika Bhasker (9 Apr 2016)		
W Devresuus				Done

Note: Tables will not show up in the dropdown if a Lookup Key is not specified for that table.

Click on **Save changes** to link the tables.

You can now navigate to the **Data** tab to begin pulling information from the Trainees table to the Trainings table.

## Click on (+) Add new row.

Online Learning Sandbox System	Quick search	۹ 🛛	Help
Dashboard Activities Results Calendar Documents Photos Administration			
Home + Results + Data Tables + Trainings			
Trainings			
Data Design			
E Search			Q Ø-
0 rows Dekete Add new row			
No data has been added to this data table. Add a row or import data to get started.			
DevResults	Ritika Bhasker (9 Apr 2018)	Delete this data table	🗸 Done

You'll notice that adding information to the new row remains the same.

When adding information from the Trainees table (column: Trainee) to a row, you can click on the dropdown and select the trainee name and sex you want to include in that specific column.

DevResults Online Learning Sandbox Syst	em	Quick search Q 🛛 🕢 Help
Dashboard Activities <b>Results</b> Calendar	Data Form	×
Home   Results  Data Tables  Trainings	Activity Best Agricultural Research Program (BEST ARP)	▼
Trainings	Location Sri Lanka, Asia	•
Search	Date of training 9 Apr 2018	Q Ø+
0 rows	Trainee 953, Male	•
Key Value         ↓           2         Best A	406, Female <b>953, Male</b> 500, Female 740, Female	Trainee Name of Training Training on Agriculture
	Up 4 Down     Add new row	✓ Done
DevResults		d by Rillka Bhasker (9 Apr 2018) 📋 Delete this data table 🗸 🗸 Done

Click **Save** to add the new row.

If you want to display the Trainee ID and Sex separately, you can do so by clicking on the gear icon on the top right corner of the table.

DevResults Online Learning Sandbox System Dashboard Activities Results Calendar Documents Photos	Administration		Quick se	earch Q	Help 3
Home * Results * Data Tables * Trainings Trainings Data Design Search				Import History	Q 0-
O rows Celebratic Add new row	Location Sri Lanka, Asia	Date of training 9 Apr 2018	Tr 953, Male	Download all     Download all     Download empty template     Timport data     Celumns     Key Value     Activity     Location     Date of training     Trainee: Trainee ID     Trainee: Sex     Trainee: Age	e
DevResults		Created	by Ritika Bhasker (9	Apr 2018) 🝵 Delete this data tab	e 🗸 Vone

In the list of columns below, you can choose to display any columns in the table you linked to this one. In our example, we can choose to display **Trainee: Person ID, Trainee: Sex**, and **Trainee: Age**. If we want to remove the Lookup Key from the table, we can uncheck the box next to it. In our example, that would be the **Trainee** column.

**TIP:** If you are creating a new data table by uploading an example that links to another table, values in one of the columns in the data table should match the generated Lookup Key in the second data table. In the example above, we would have added **Trainee** as a column, with all values in the column formatted as Trainee ID, Sex

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