

Link Data Tables

Last Modified on 06/05/2019 4:48 pm EDT

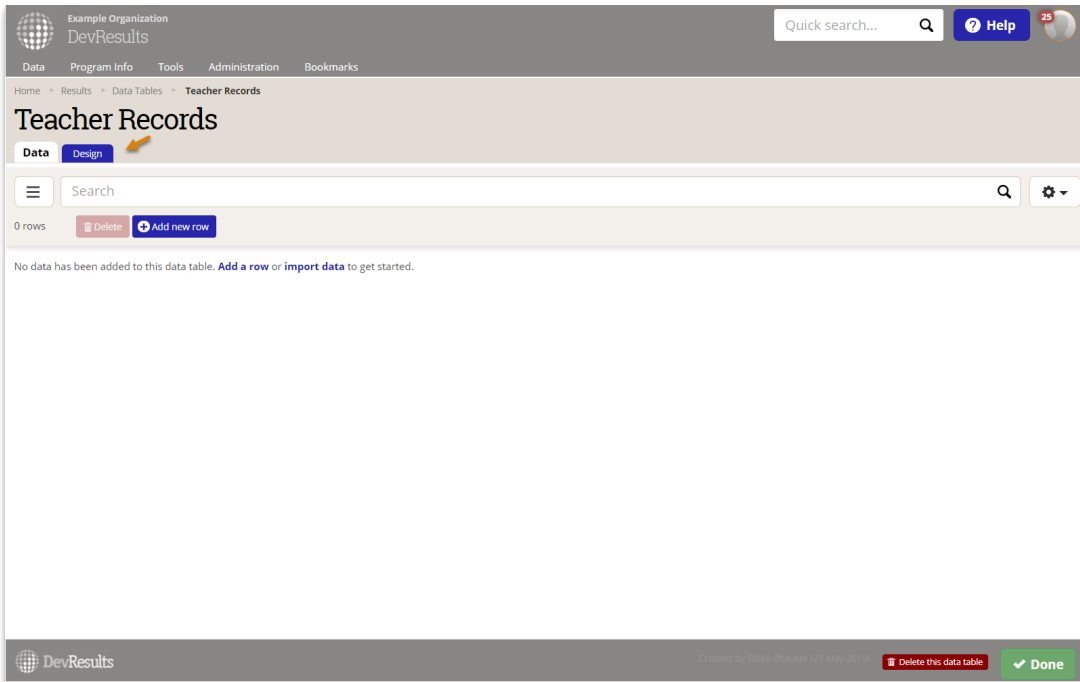
Once you've created a **Lookup Key** for a table, you can use it to link records in one table to another.

Linking Existing Data Tables

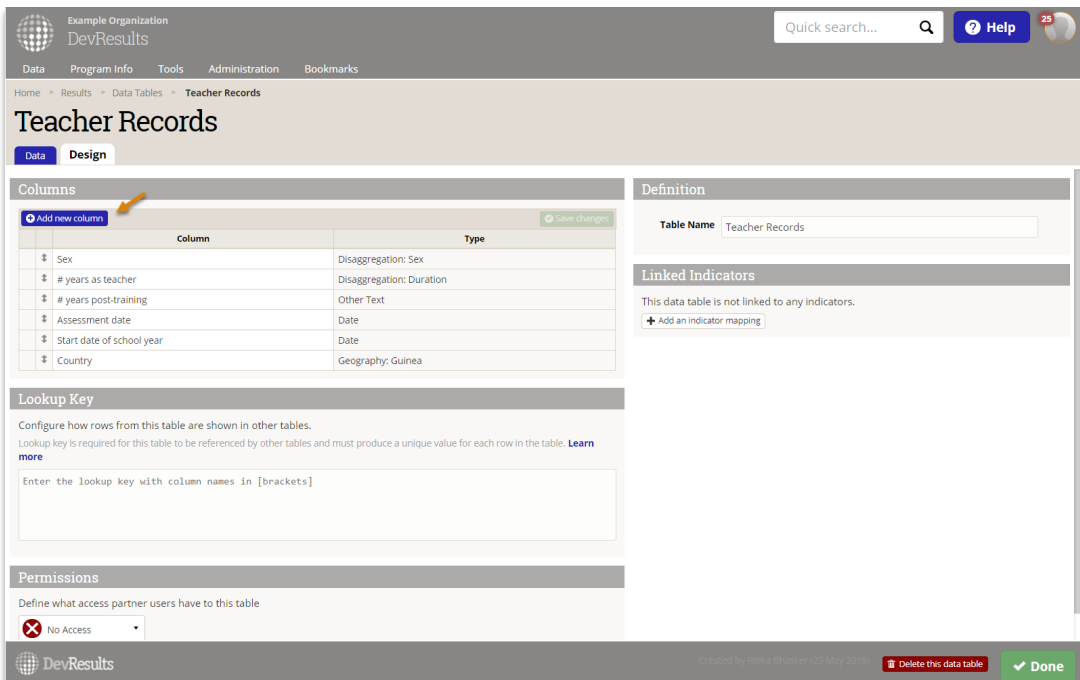
To link a data table to another, navigate to the data table you want to link. In this example, we'll be connecting the **School** table to a table of **Teacher Records**.

| Name | # Rows | Columns |
|------------------------|--------|---|
| Beneficiaries | 1 | Date, Activity, Location, Beneficiary ID, Age, Sex, Ethnicity, Service Type, Is eligible?, Describe in your own words any positive outcome of the service you |
| Certifications | 2,043 | Teacher, Certification Partner, Certification Location, Certification Date |
| Classrooms | 828 | Classroom ID, School ID, Grade, Well-supplied? |
| Cohorts | 100 | Cohort ID, Intervention Type, Duration of intervention per cohort (hours) |
| Crop Sales | 8,520 | Date, End of Quarter, Farmer, Crop Type, \$ value of sale (USD), # kg crop sold, USD per kg |
| Farmers | 1,064 | Activity, Farmer ID, Sex, Ethnicity, Farm Location, Land Type |
| Organizations | 1,646 | Contract Start Date with Organization, End of Fiscal Year, Activity, Prefecture, Organization Name, Organization Type, Is organization a CSO?, Did organ |
| Schools | 128 | School ID, School Location, Urban/Rural, # classroom, School's partner NGO |
| Teacher Records | 0 | Sex, # years as teacher, # years post-training, Assessment date, Start date of school year, Country |
| Teachers | 987 | Teacher ID, Classroom ID, Sex, # years as teacher, # years post-training, Assessment Score, Assessment date, Start date of school year, Cohort, Countr |
| Teachers post-training | 2 | Teacher ID, Duration |
| Training Table | 6,650 | Date, Last Day of RP, Activity, Location, Trainee ID, Sex, Age, Training Topic, Training Type, Initial Test Score, Final Test Score, Points Improved, Commer |

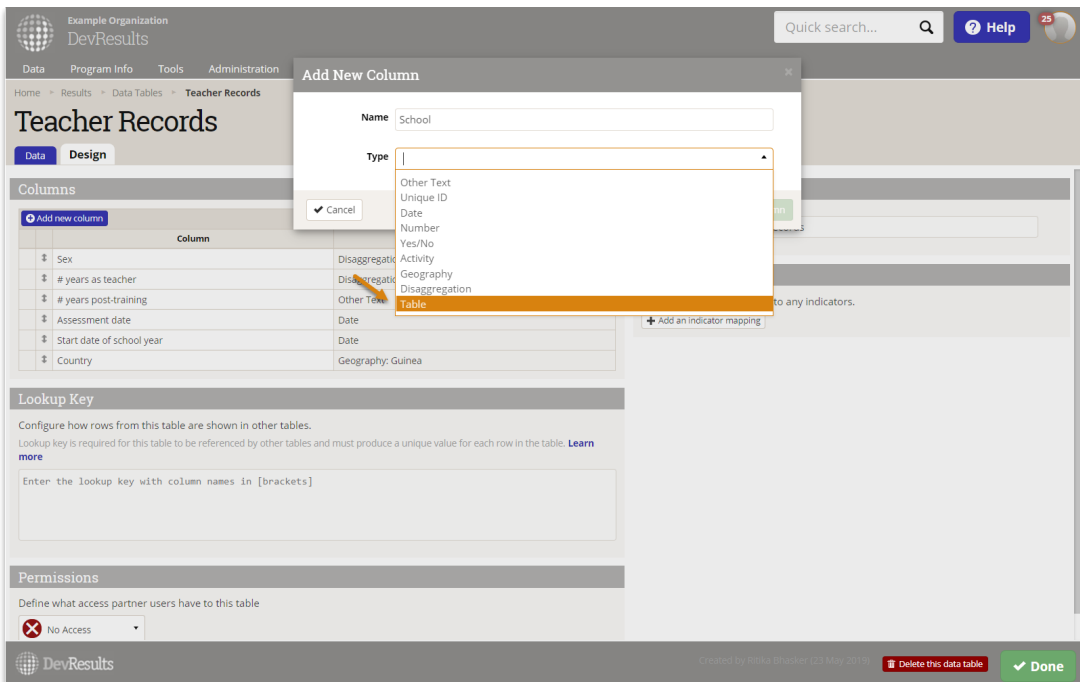
Click on the **Design** tab.



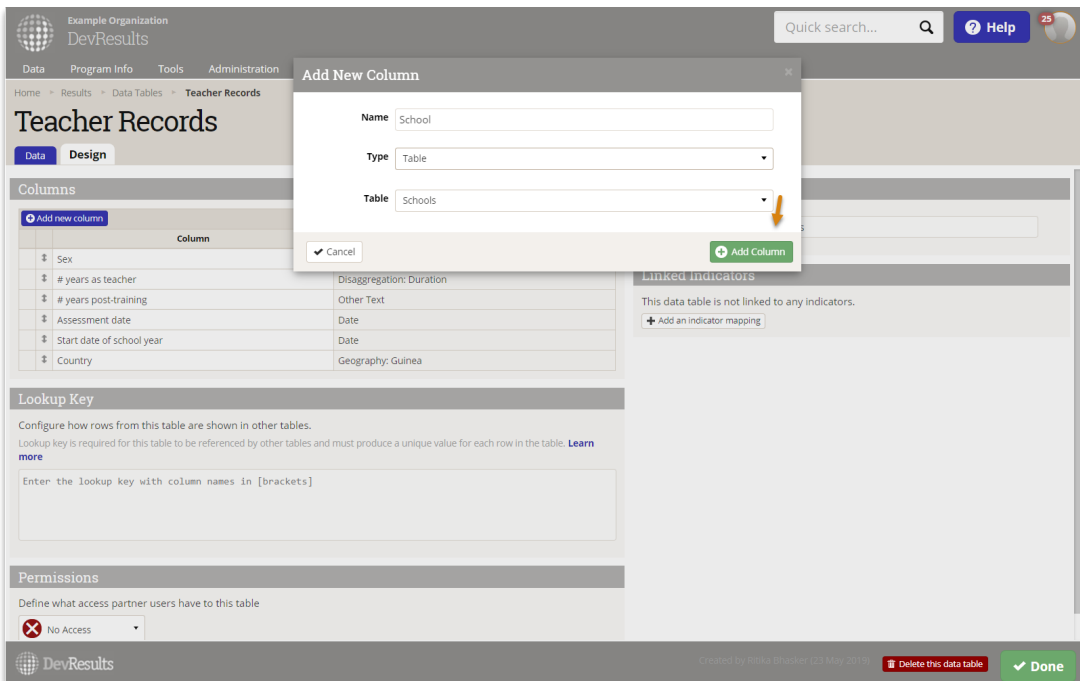
This table already has several columns added, including the # years as a teacher, # years post-training, when the school year started, and where they are based. To pull in information about their school from the Schools table, click on **(+) Add new column**.



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.



Click on **(+) Add Column**.



Note: Tables will not show up in the dropdown if a Lookup Key is not specified for that table. Tables will also now show up in the dropdown if you have not enabled the "Relational Data Tables" feature under **Administration > Program Settings** .

Once you've added the column, DevResults will display all columns available from related tables, including those currently available and ones that are pending.

Example Organization
DevResults

Quick search... 25

Data Program Info Tools Administration Bookmarks

Home Results Data Tables Teacher Records

Teacher Records

Data Design

Columns

| Column | Type |
|---------------------------|--------------------------|
| Sex | Disaggregation: Sex |
| # years as teacher | Disaggregation: Duration |
| # years post-training | Other Text |
| Assessment date | Date |
| Start date of school year | Date |
| Country | Geography: Guinea |
| School | Table: Schools |

Columns available from related tables

| Current | Pending Changes |
|---------|--------------------------------------|
| | Adding: School: School ID |
| | Adding: School: School Location |
| | Adding: School: Urban/Rural |
| | Adding: School: # classroom |
| | Adding: School: School's partner NGO |

Definition

Table Name:

Linked Indicators

This data table is not linked to any indicators.

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 produce a unique value for each row in the table. [Learn more](#)

Created by Niska Bhaskar (23 May 2019)

Once you've reviewed the pending changes, click on **Save changes** to link the tables.

You can now navigate to the **Data** tab to begin pulling adding data, including information stored in the "Schools" table.

Click on **(+) Add new row**.

Example Organization
DevResults

Quick search... 25

Data Program Info Tools Administration Bookmarks

Home Results Data Tables Teacher Records

Teacher Records

Data Design

Search

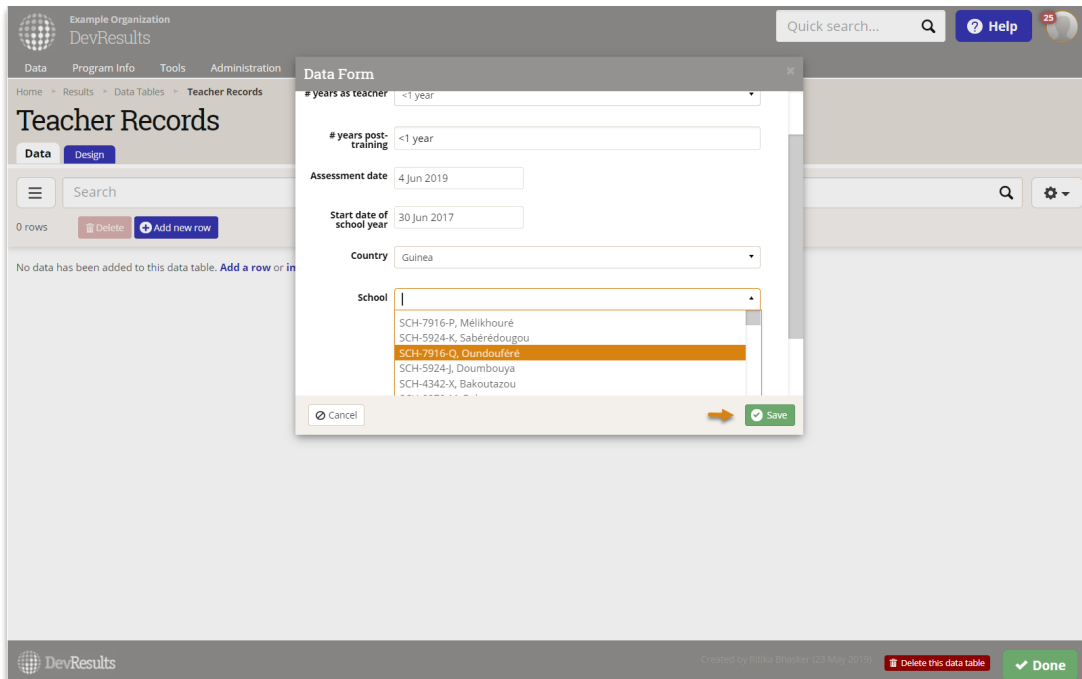
0 rows

No data has been added to this data table. [Add a row](#) or [import data](#) to get started.

Created by Niska Bhaskar (23 May 2019)

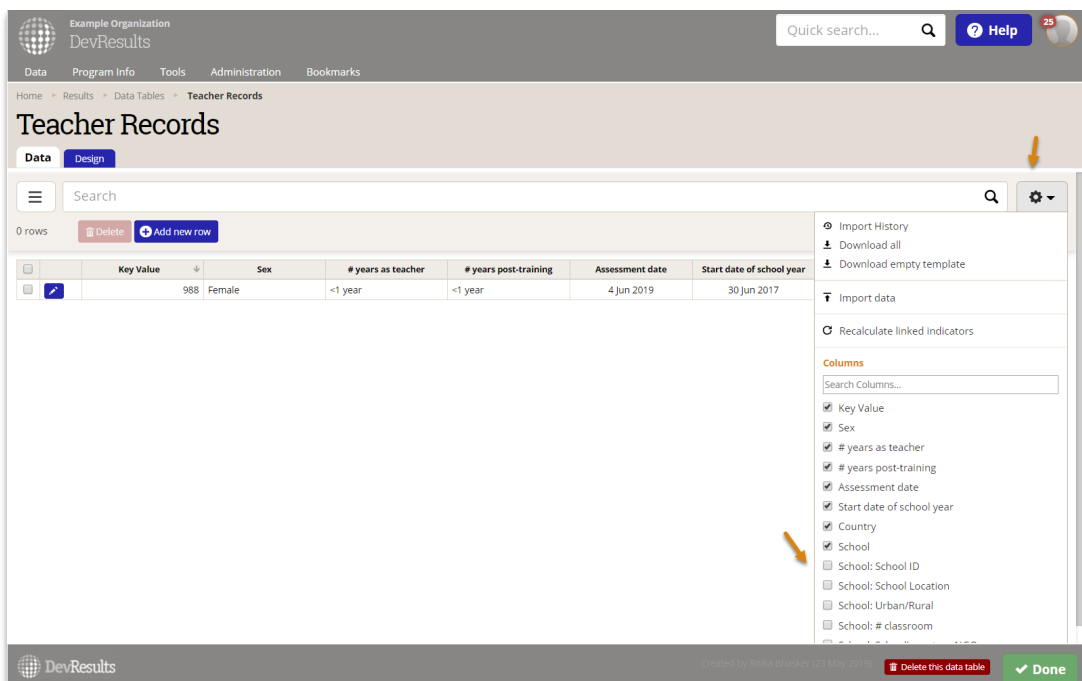
You'll notice that adding information to the new row remains the same.

When adding information from the "Schools" table (column: School) to a row, you can click on the dropdown and select the School ID and Location you want to include in that specific column.



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

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



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 **School: Urban/Rural, School: #**

classrooms, etc. 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 **School** 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 **School** as a column, with all values in the column formatted as **School ID, School Location**

Once you've created a linked table, you can start [populating indicators with this data](#).

Didn't answer your question? Please email us at help@devresults.com.

Related Articles
