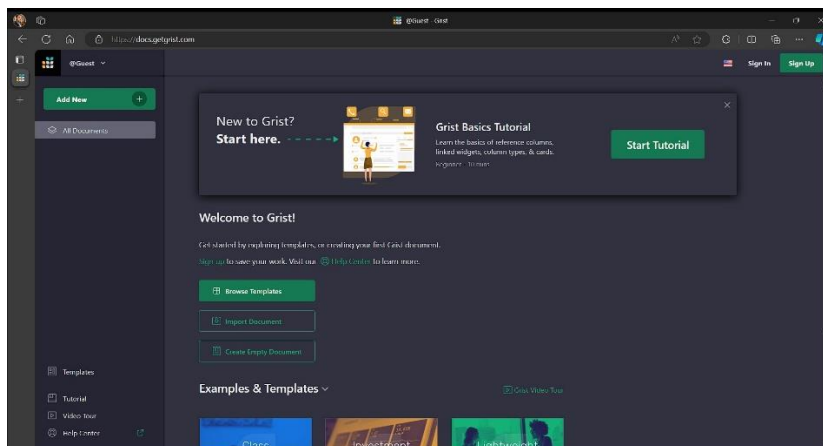
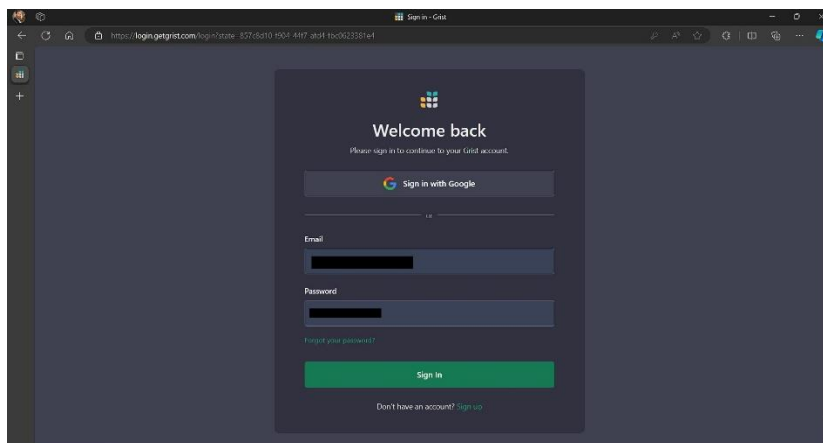


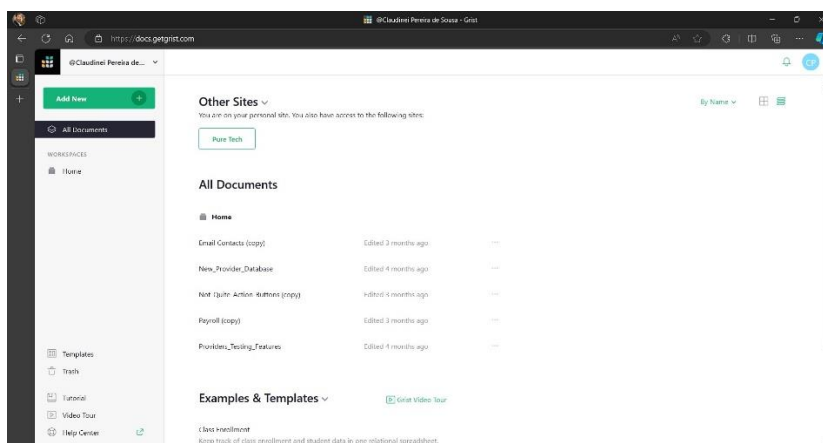
Type on your browser: docs.grist.com



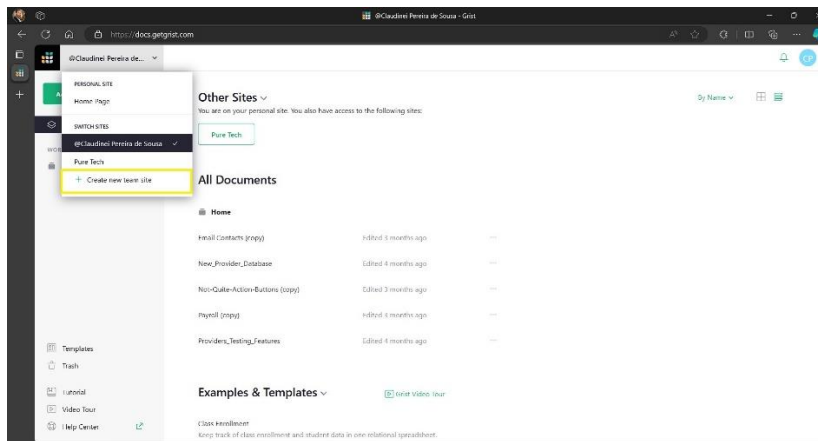
Create your free account



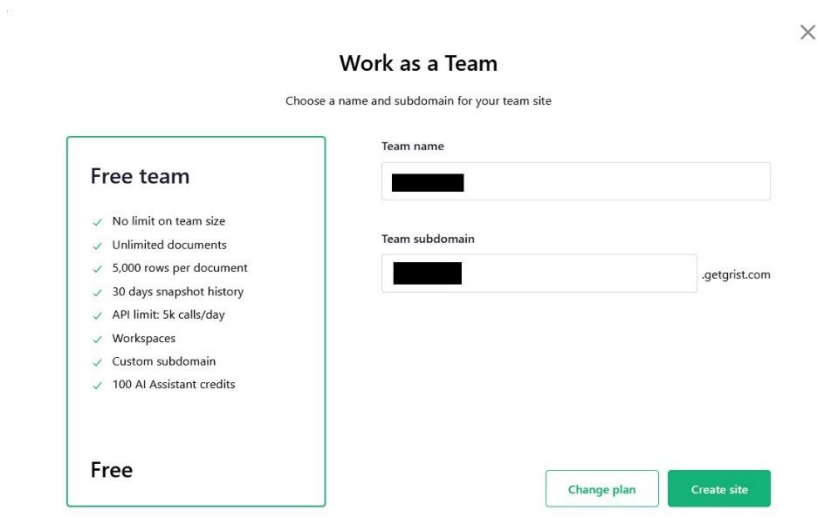
Access your home page



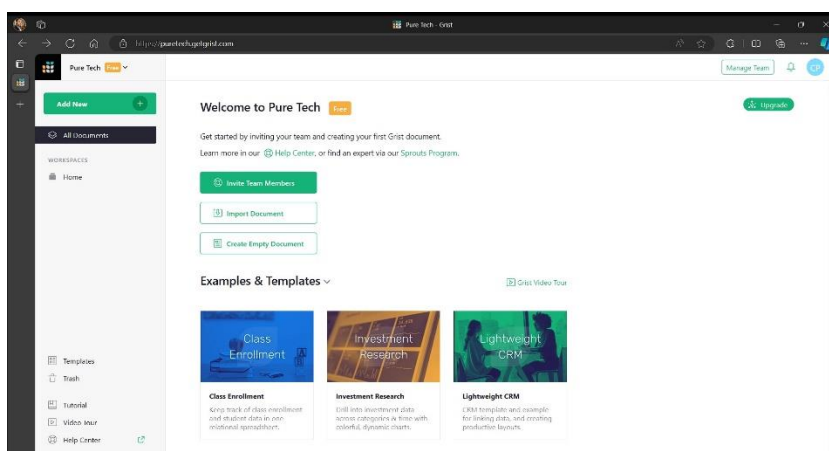
Create your own site



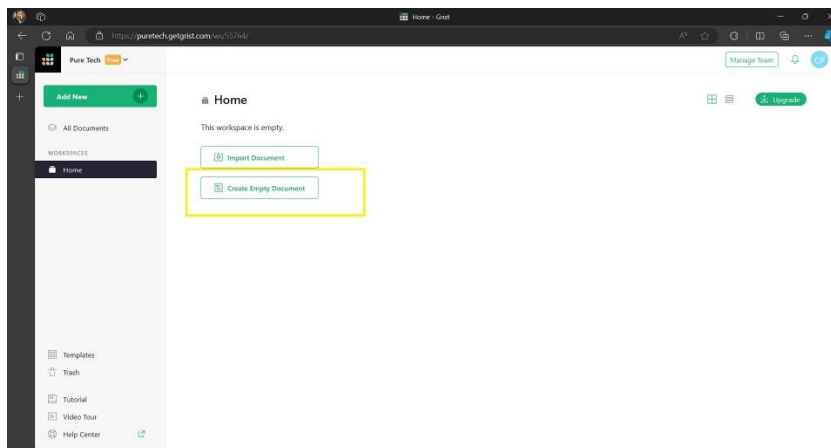
Select Free Account and define your subdomain



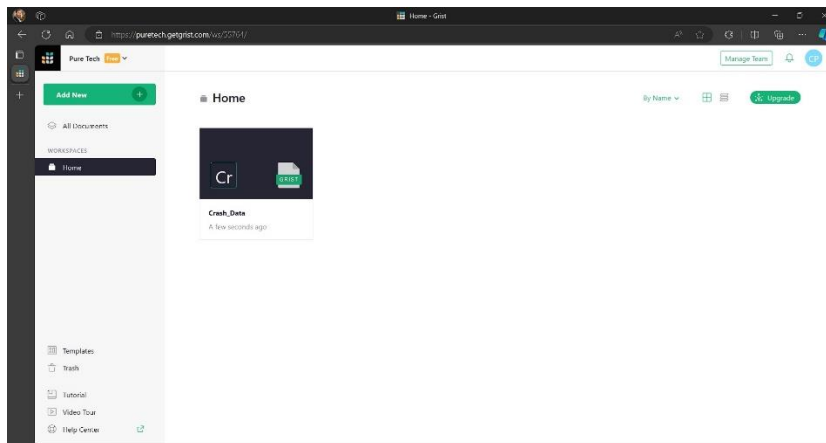
Access your Home Screen



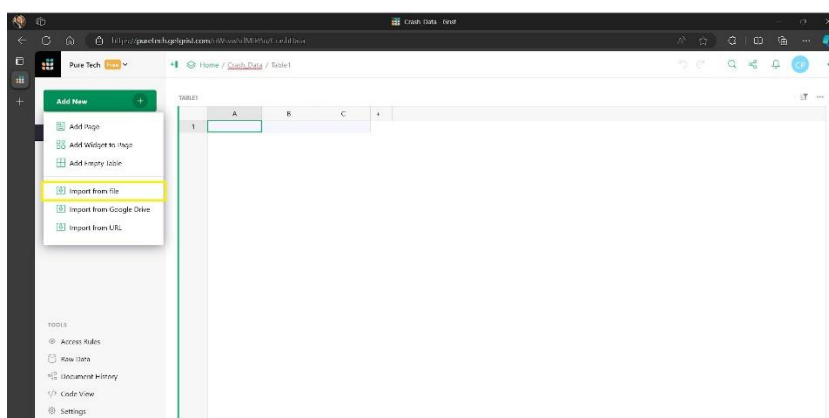
Create empty document



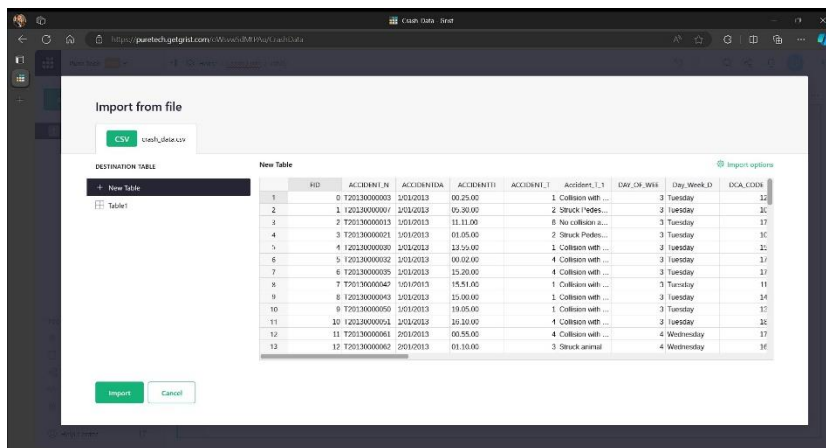
Access your document



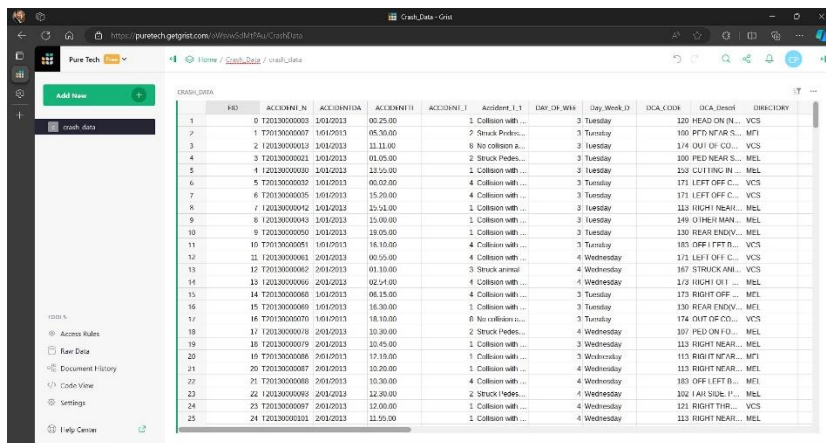
Import data file



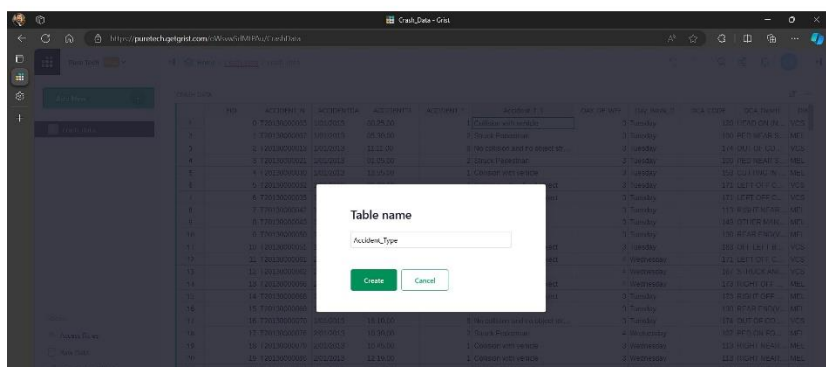
Confirm fields validation (Try importing less than 1000 for a faster test)



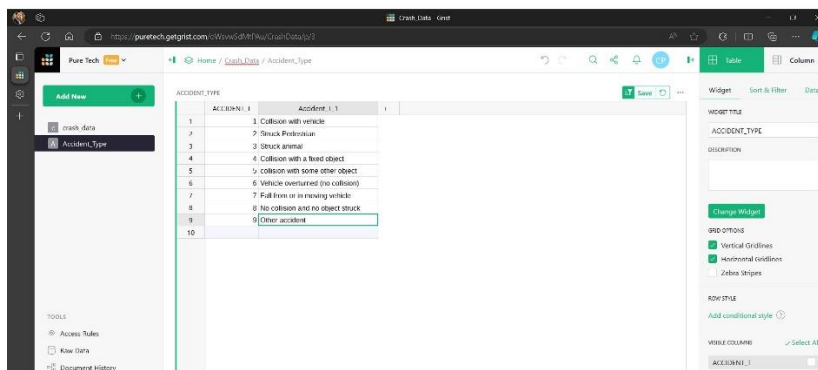
Confirm import



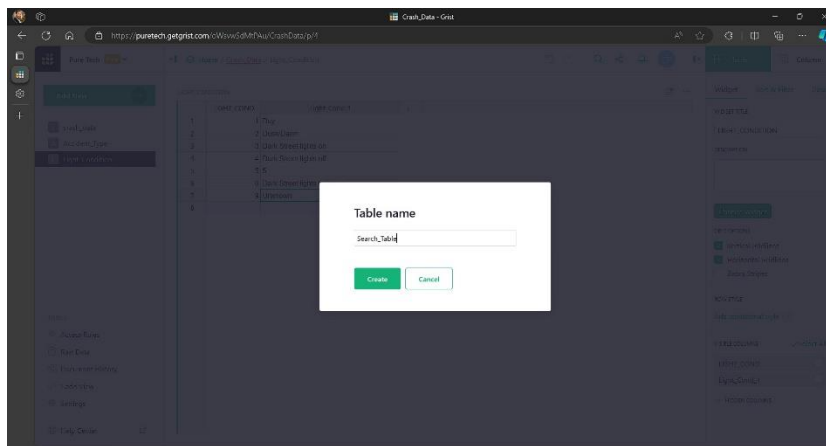
Create a new table for relationship



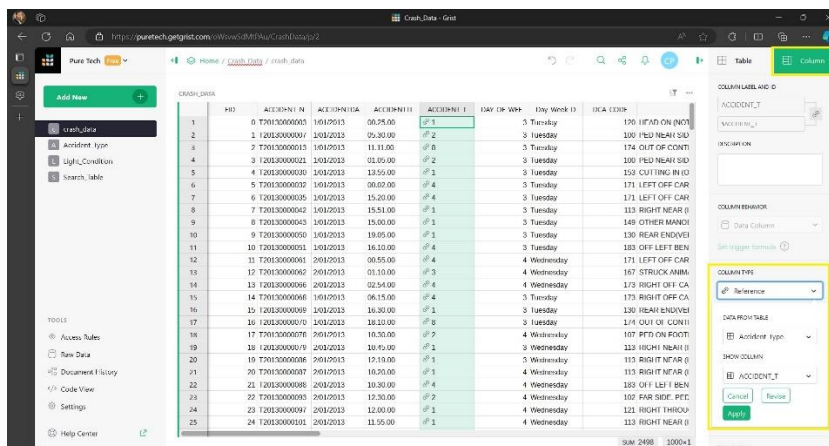
Create fields and copy sample data from imported table



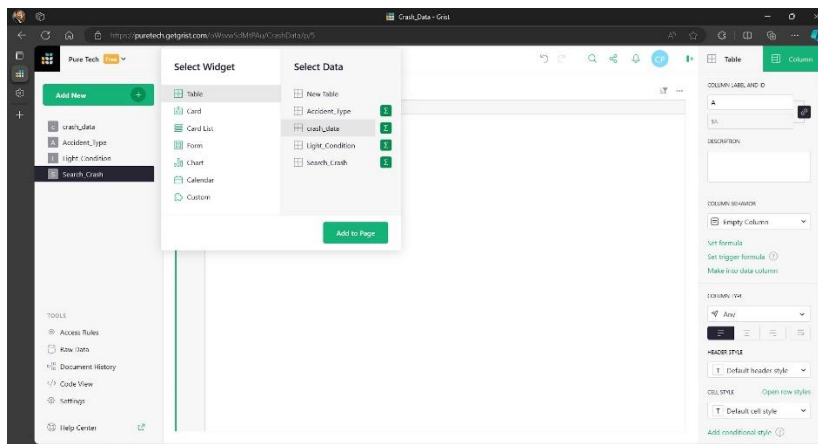
Create a search table



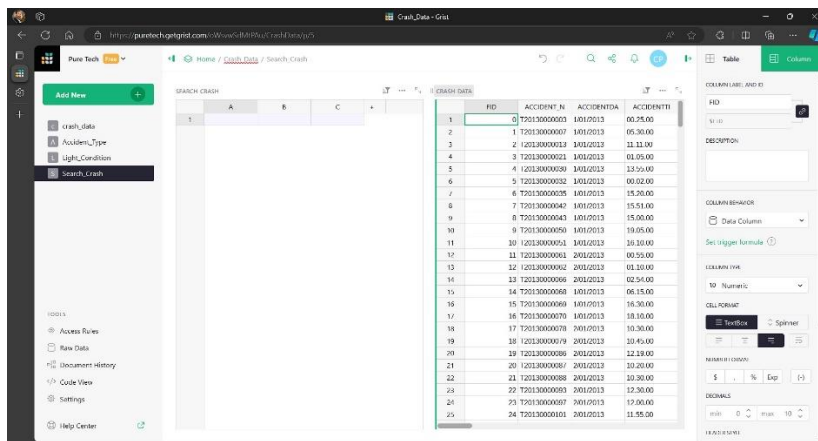
Create references to link tables (relationship)



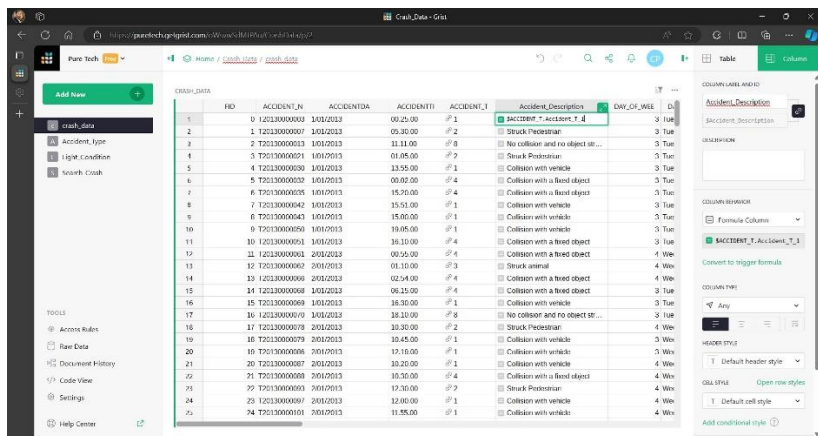
Create Widget for visualisation



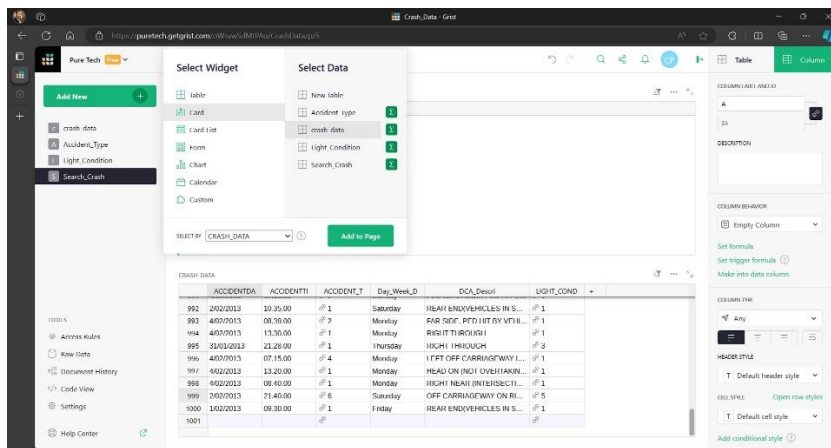
Confirm widget is created



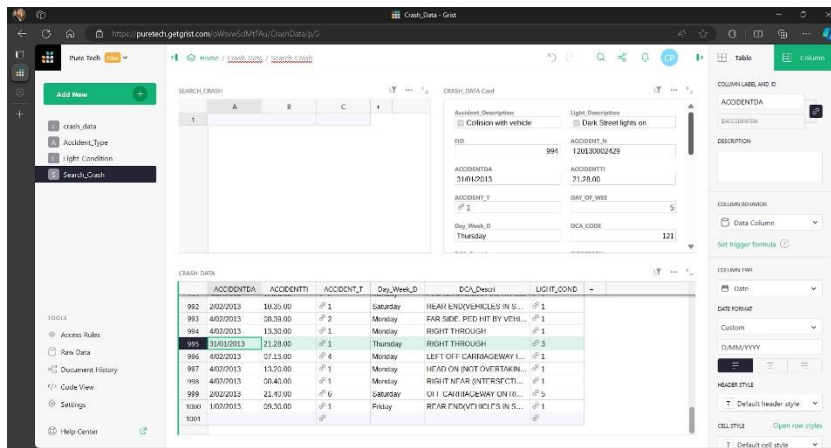
Create formula into the columns to see linked fields from other table



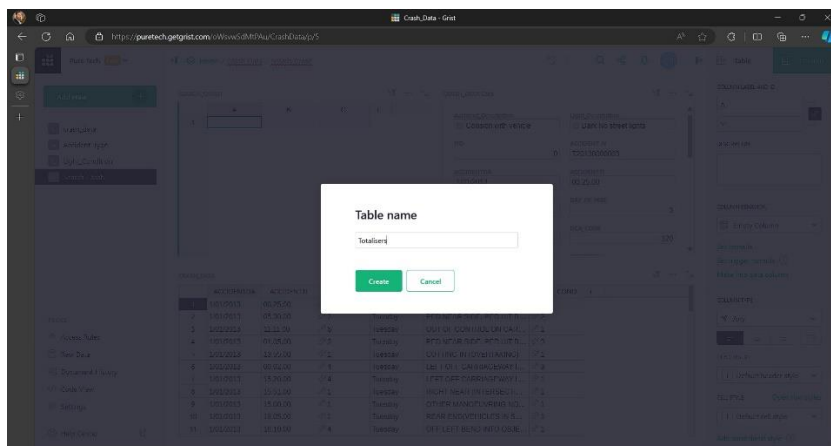
Create a widget for another visualisation



Confirm the visualisation is working



Create a new table



Add a new field with a formula to validate data

The screenshot shows the 'Crash Data' widget in the Pure Tech dashboard. The widget displays a table of crash data with columns: ACCIDENT_ID, ACCIDENT_T, ACCIDENT_I, Day_Week_D, DCA_Descr, LIGHT_COND, and Match_Case. The Match_Case column is a formula field that validates the data. The table shows 6 rows of data. The right sidebar shows the 'Match_Case' formula field configuration.

ACCIDENT_ID	ACCIDENT_T	ACCIDENT_I	Day_Week_D	DCA_Descr	LIGHT_COND	Match_Case
1	01-01-2013	00:20:00	#1	Tuesday	HEAD ON (NOT OVERTAKING)	#5
2	01-01-2013	05:30:00	#2	Tuesday	PED NEAR SIDE, PED HIT B...	#2
3	01-01-2013	11:11:00	#8	Tuesday	OUT OF CONTROL ON CAR...	#1
4	01-01-2013	01:00:00	#7	Tuesday	PED NEAR SIDE, PED HIT B...	#3
5	01-01-2013	13:55:00	#1	Tuesday	CUTTING IN (OVERTAKING)	#1
6	01-01-2013	00:02:00	#4	Tuesday	LEFT OFF CARRIAGEWAY L...	#3

Add a new widget to the visualisation with match case to filter the data validation

The screenshot shows the 'Crash Data' widget in the Pure Tech dashboard. The widget displays a table of crash data with columns: ACCIDENT_ID, ACCIDENT_T, ACCIDENT_I, Day_Week_D, DCA_Descr, LIGHT_COND, and Match_Case. The Match_Case column is a formula field that validates the data. The table shows 11 rows of data. The right sidebar shows the 'Match_Case' formula field configuration.

ACCIDENT_ID	ACCIDENT_T	ACCIDENT_I	Day_Week_D	DCA_Descr	LIGHT_COND	Match_Case
1	01-01-2013	00:20:00	#1	Tuesday	HEAD ON (NOT OVERTAKING)	#5
2	01-01-2013	05:30:00	#2	Tuesday	PED NEAR SIDE, PED HIT B...	#2
3	01-01-2013	11:11:00	#8	Tuesday	OUT OF CONTROL ON CAR...	#1
4	01-01-2013	01:00:00	#7	Tuesday	PED NEAR SIDE, PED HIT B...	#3
5	01-01-2013	13:55:00	#1	Tuesday	CUTTING IN (OVERTAKING)	#1
6	01-01-2013	00:02:00	#4	Tuesday	LEFT OFF CARRIAGEWAY L...	#3
7	01-01-2013	15:20:00	#4	Tuesday	LEFT OFF CARRIAGEWAY L...	#1
8	01-01-2013	16:51:00	#1	Tuesday	RIGHT OFF CARRIAGEWAY L...	#1
9	01-01-2013	20:00:00	#1	Tuesday	RIGHT OFF CARRIAGEWAY L...	#1
10	01-01-2013	19:00:00	#1	Tuesday	REAR ENDOVEHICLES IN S...	#1
11	01-01-2013	10:10:00	#4	Tuesday	OFF LEFT BEND INTO OBL...	#1

Organise the layout

The screenshot shows the 'Crash Data' widget in the Pure Tech dashboard. The widget displays a table of crash data with columns: ACCIDENT_ID, ACCIDENT_T, ACCIDENT_I, Day_Week_D, DCA_Descr, LIGHT_COND, and Match_Case. The Match_Case column is a formula field that validates the data. The table shows 9 rows of data. The right sidebar shows the 'Match_Case' formula field configuration.

ACCIDENT_ID	ACCIDENT_T	ACCIDENT_I	Day_Week_D	DCA_Descr	LIGHT_COND	Match_Case
1	00:20:00	#6	Thursday	OUT OF CONTROL ON CARRIAGEWAY	#1	Day
2	11:10:00	#1	Thursday	HEAD ON (NOT OVERTAKING)	#1	Day
3	13:30:00	#4	Thursday	LEFT OFF CARRIAGEWAY INTO OBL...	#1	Day
4	13:37:00	#1	Thursday	CROSS TRAFFIC/INTERSECTIONS O...	#1	Day
5	15:10:00	#6	Thursday	OFF CARRIAGEWAY ON RIGHT BEND	#1	Day
6	12:54:00	#1	Thursday	RIGHT TURN/ROUND	#1	Day
7	15:00:00	#1	Thursday	RIGHT REAR	#1	Day
8	16:13:00	#4	Thursday	RIGHT OFF CARRIAGEWAY INTO OBL...	#1	Day
9	17:15:00	#1	Thursday	RIGHT TURN (INTERSECTIONS ON V)	#1	Day

Organise the columns you would like to see for a better visualisation of the data

The screenshot shows the 'Crash_Data - Grid' application interface. On the right, the 'Column' configuration panel is open, showing a list of columns to be displayed in the table. The main table displays crash data with columns: ACCIDENTID, ACCIDENTTIME, Day_Week_ID, Accident_Type, DCA_Descr, and Light_Description. The table shows 7 rows of data for accidents occurring on Tuesday, January 15, 2013.

Test your filters and filter, and check if it is working

The screenshot shows the 'Crash_Data - Grid' application interface. The 'SEARCH CRASH' section on the left has 'Date_Filter' set to '30-01-2013' and 'Match_Case' set to 'Yes'. The main table displays crash data for the specified date, with columns: ACCIDENTID, ACCIDENTTIME, Day_Week_ID, Accident_Type, DCA_Descr, and Light_Description. The table shows 6 rows of data for accidents occurring on Wednesday, January 30, 2013.

Add a pie chart to the visualisation

The screenshot shows the 'Crash_Data - Grid' application interface. A 'Crash Data Chart' widget is added to the dashboard, displaying a pie chart of the crash data. The chart shows the distribution of accident types: Collision with a fixed object (35.3%), Collision with vehicle (43.2%), No collision and no object struck (11.8%), and Struck Pedestrian (11.8%). The main table displays crash data with columns: ACCIDENTID, ACCIDENTTIME, Day_Week_ID, Accident_Type, DCA_Descr, and Light_Description. The table shows 5 rows of data for accidents occurring on Tuesday, January 01, 2013.