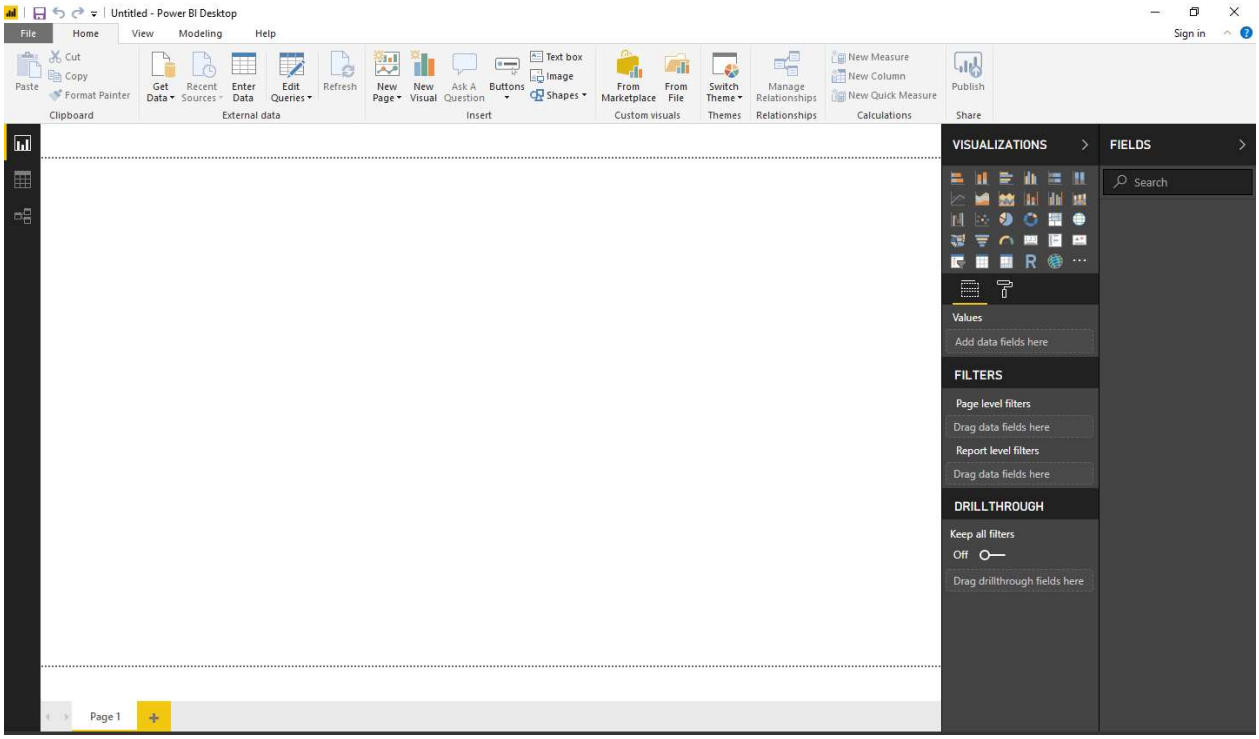
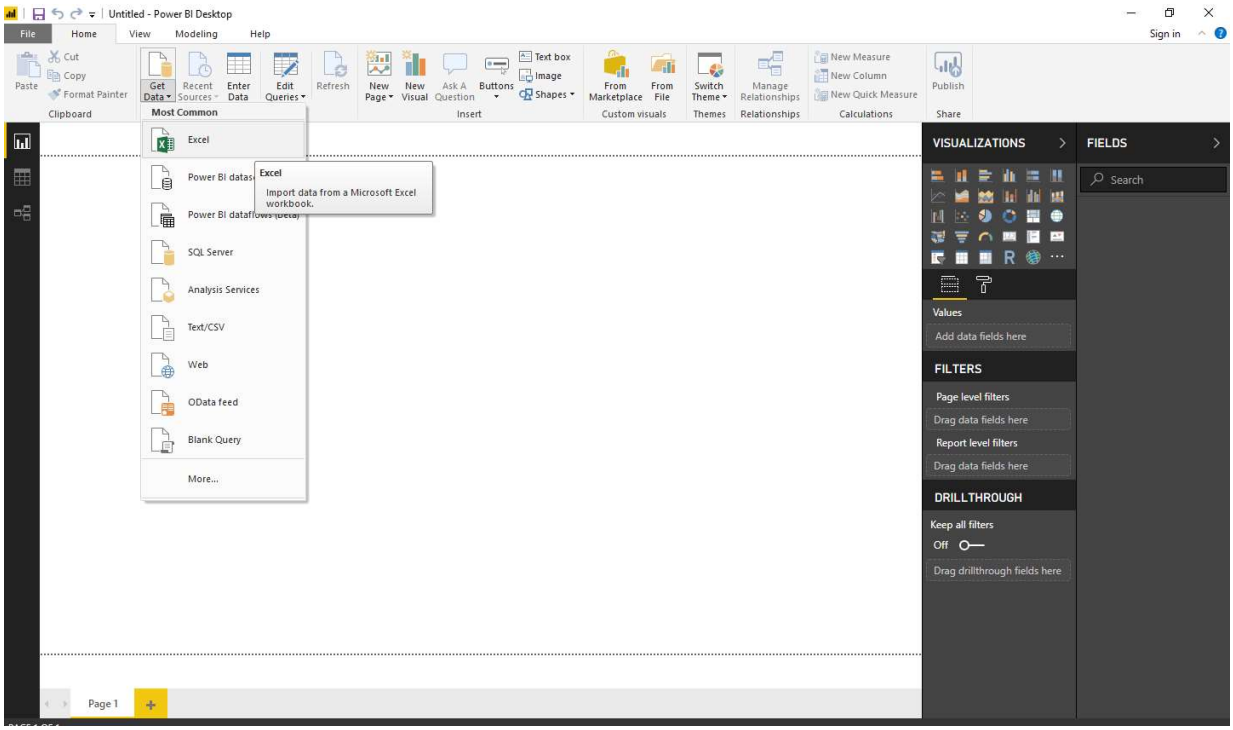
Practical 2: Perform the Extraction Transformation and Loading (ETL) process to construct the database in SQL server.

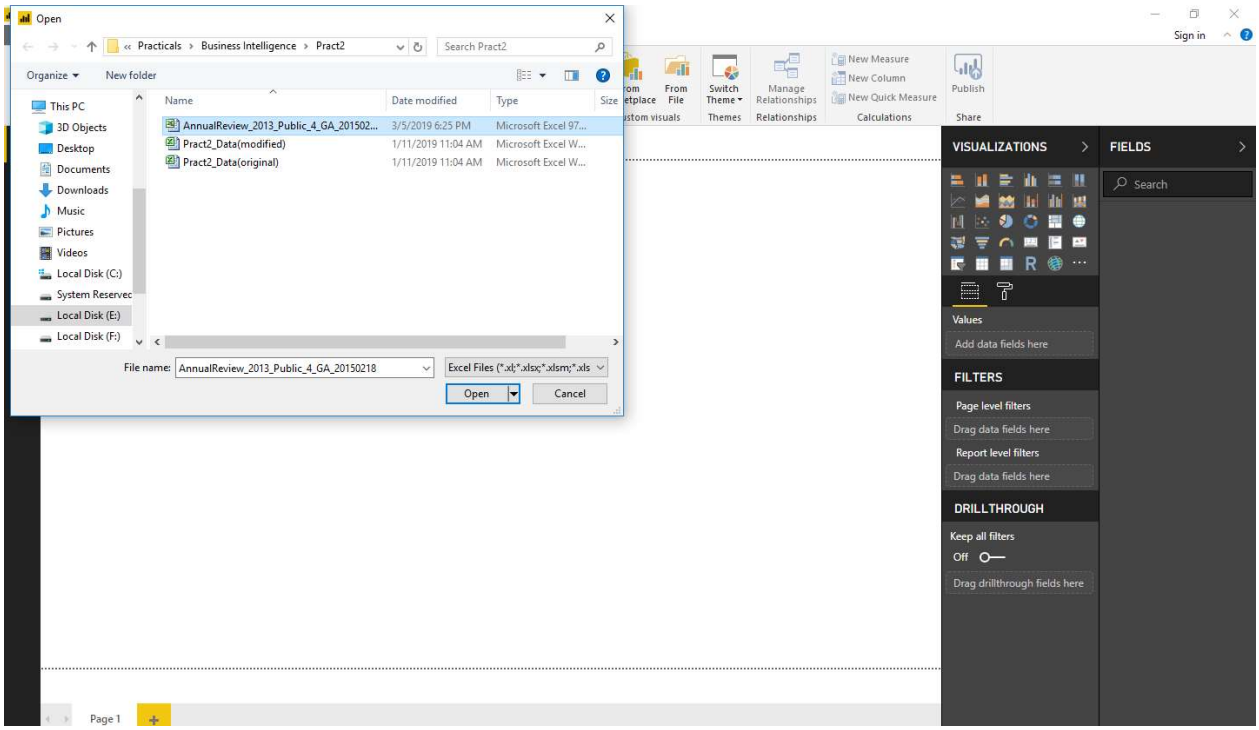
Step 1: Open Power BI.



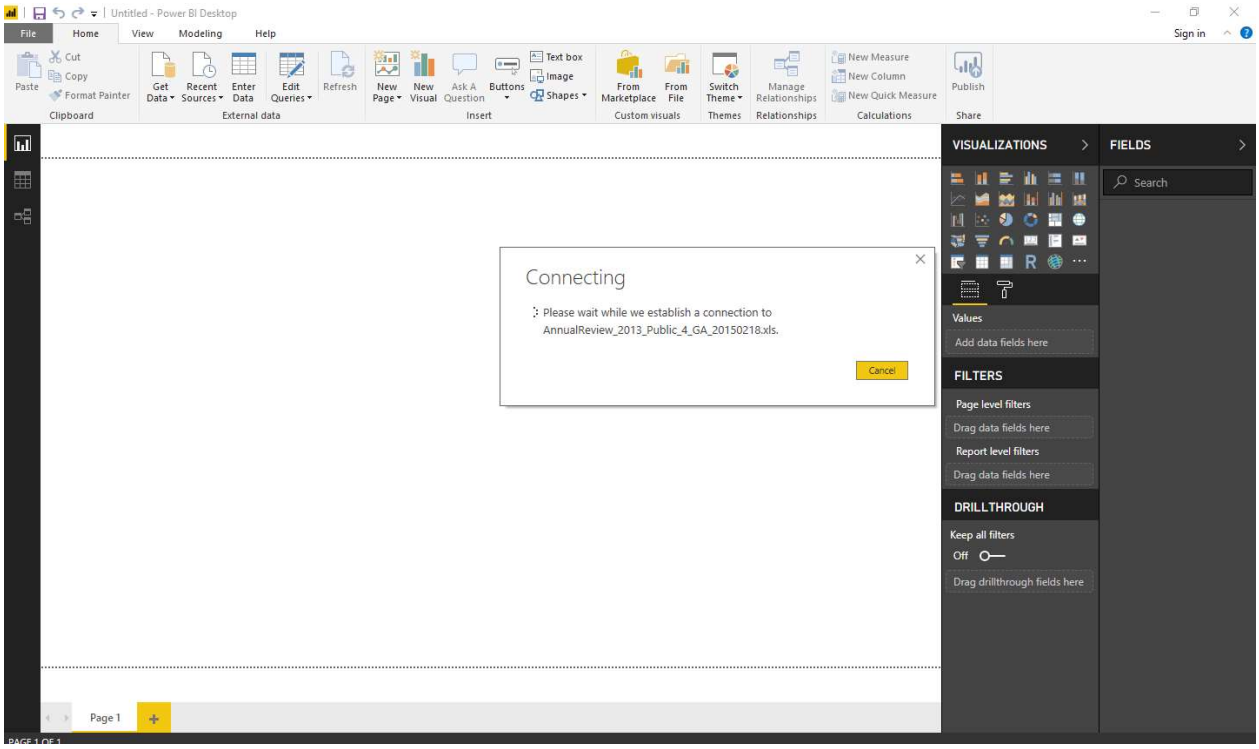
Step 2: Get Data → Excel



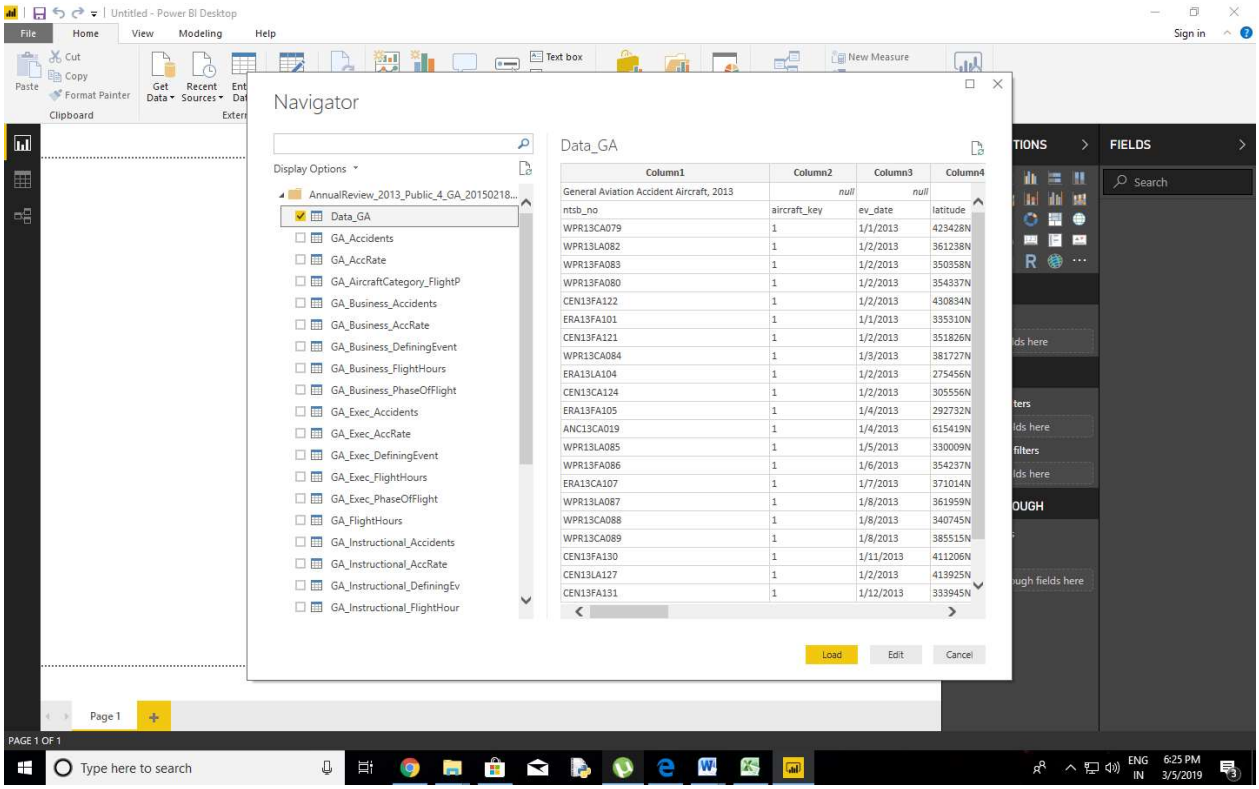
Step 3: Choose you Excel data.



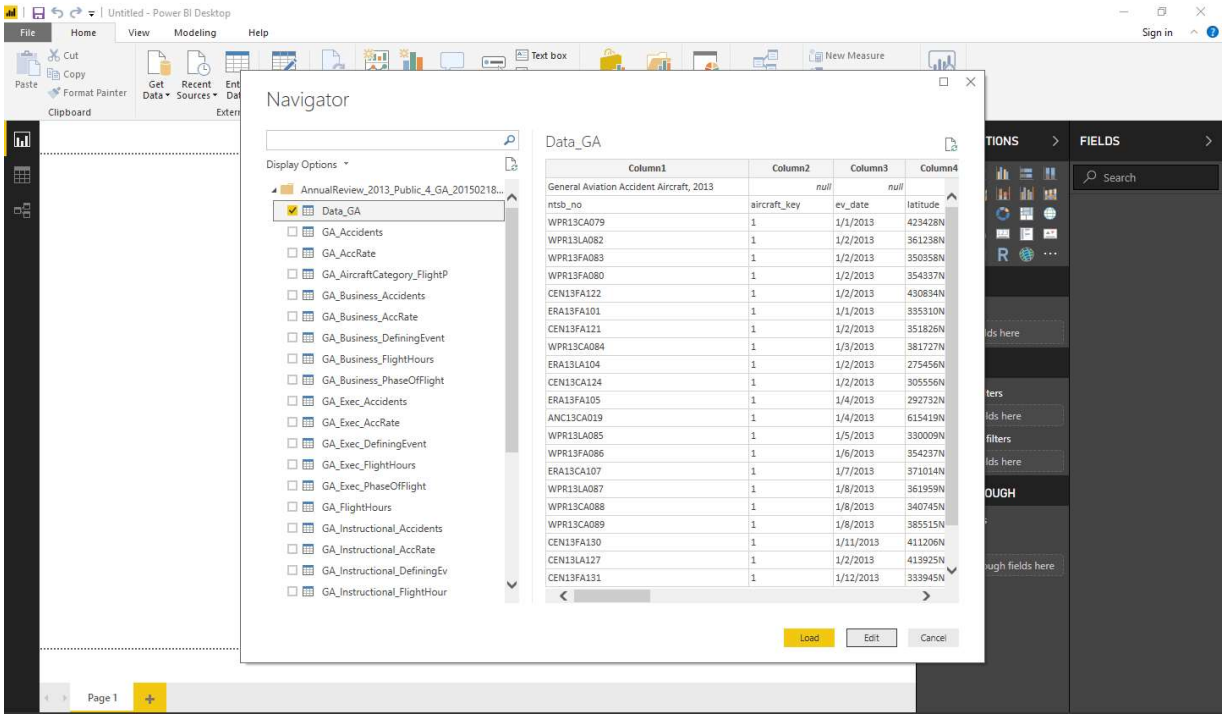
Step 4: Loading might take time.



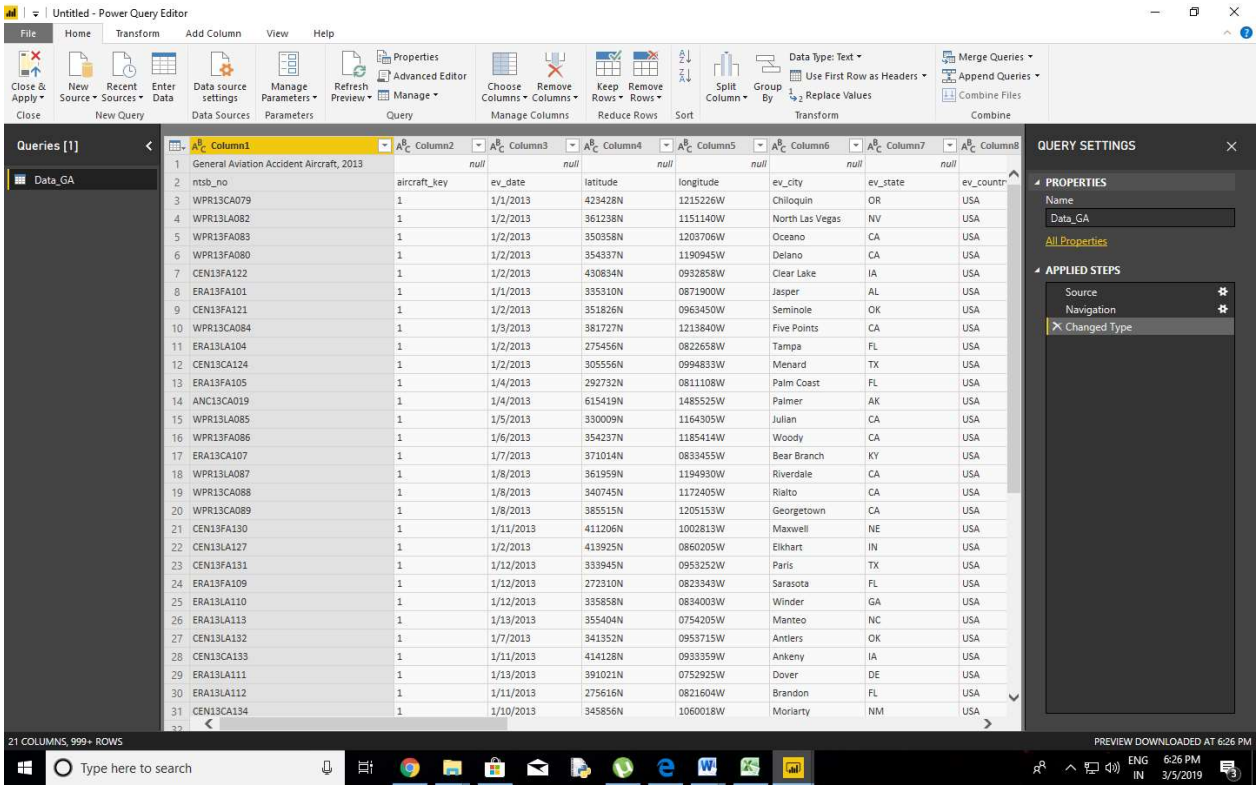
Step 5: Select Data_GA.



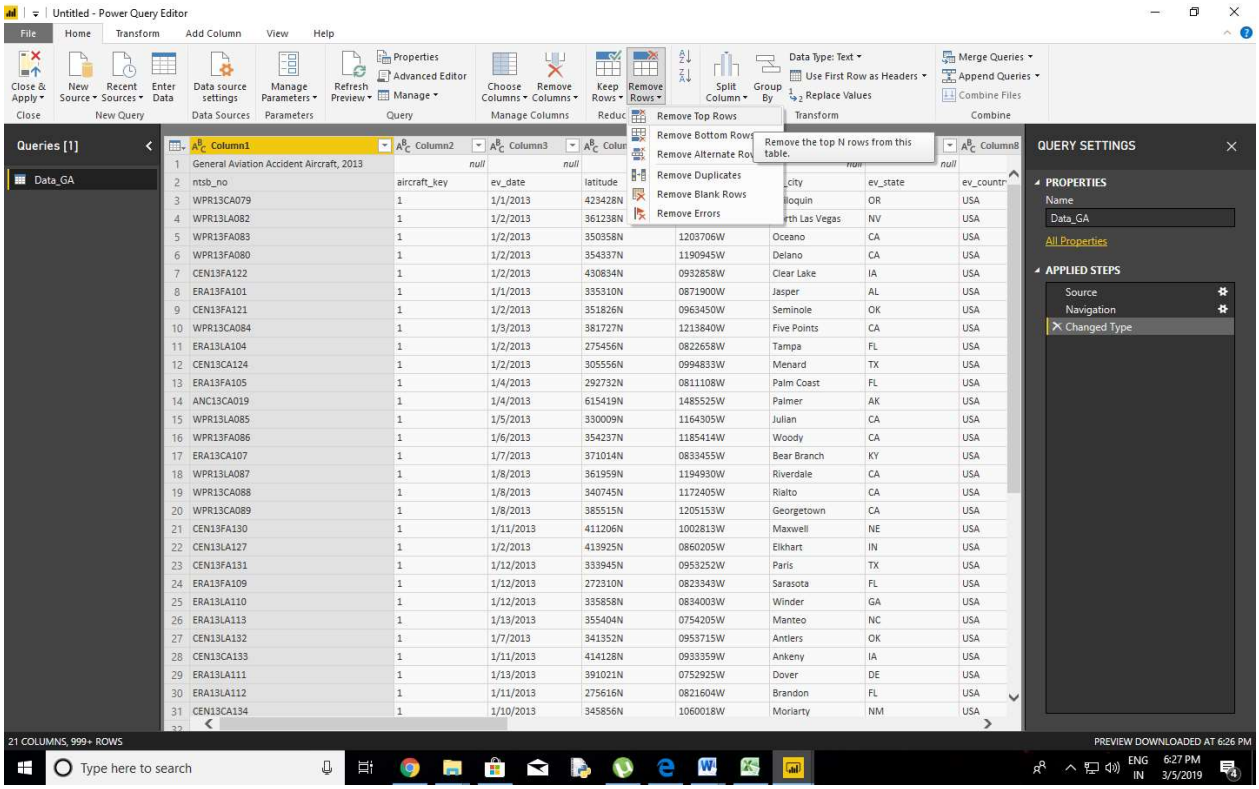
Step 6: Click on Edit button



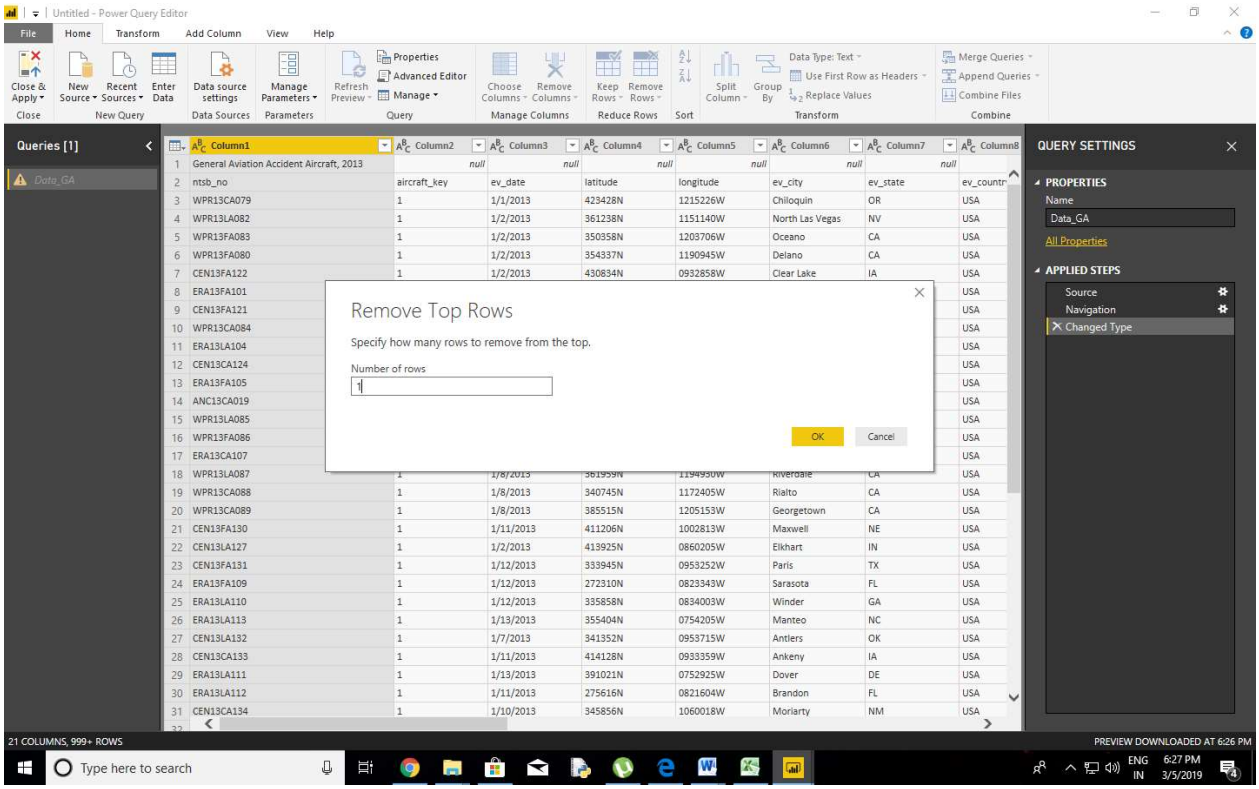
Step 7: Power Query Editor window will open.



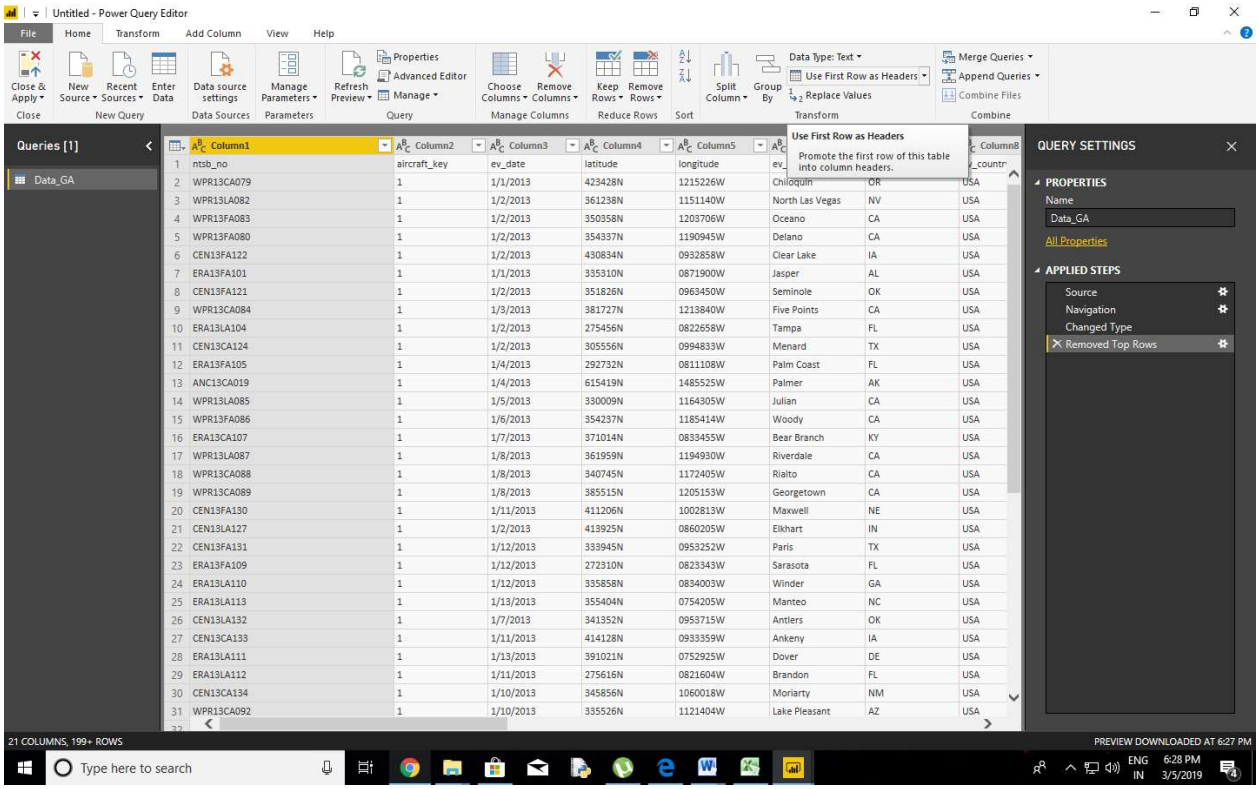
Step 8: Reduce→Remove rows→Remove top rows.



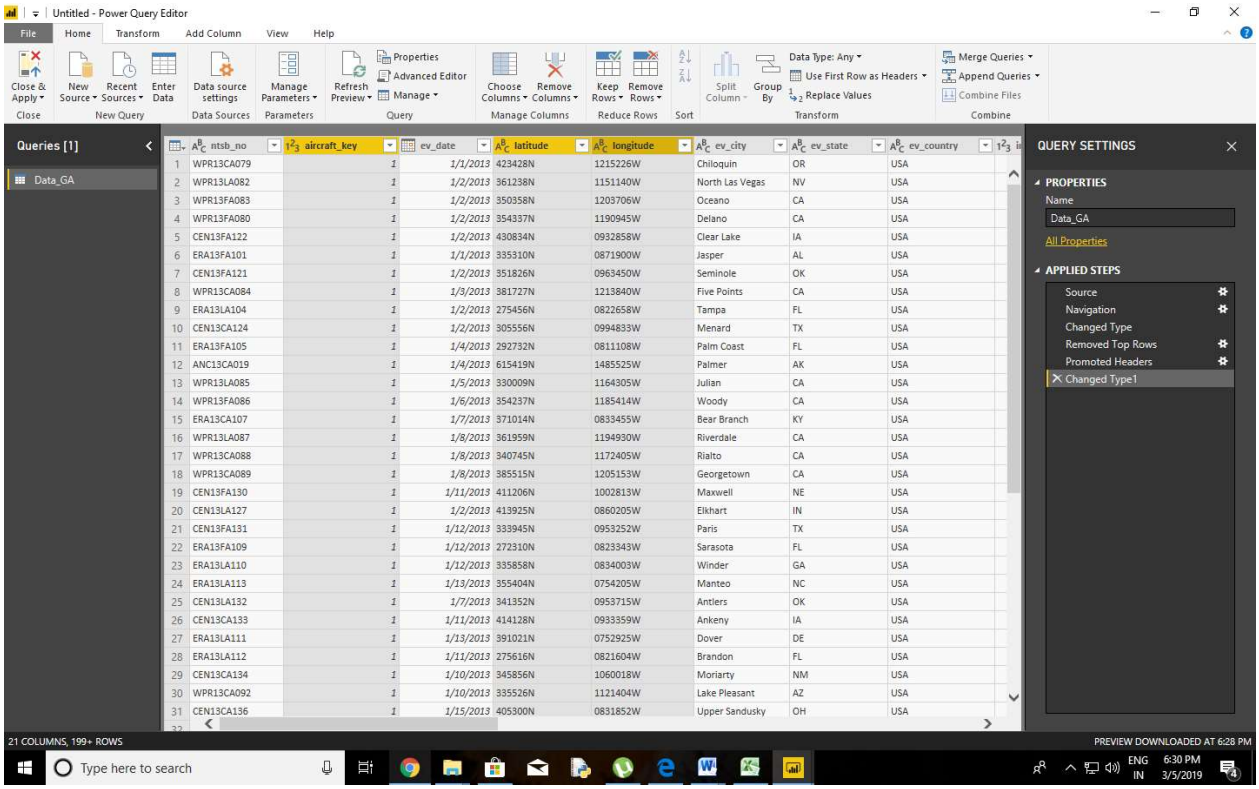
Step 9: Enter the number of rows you want to reduce (here it is just one row from top)



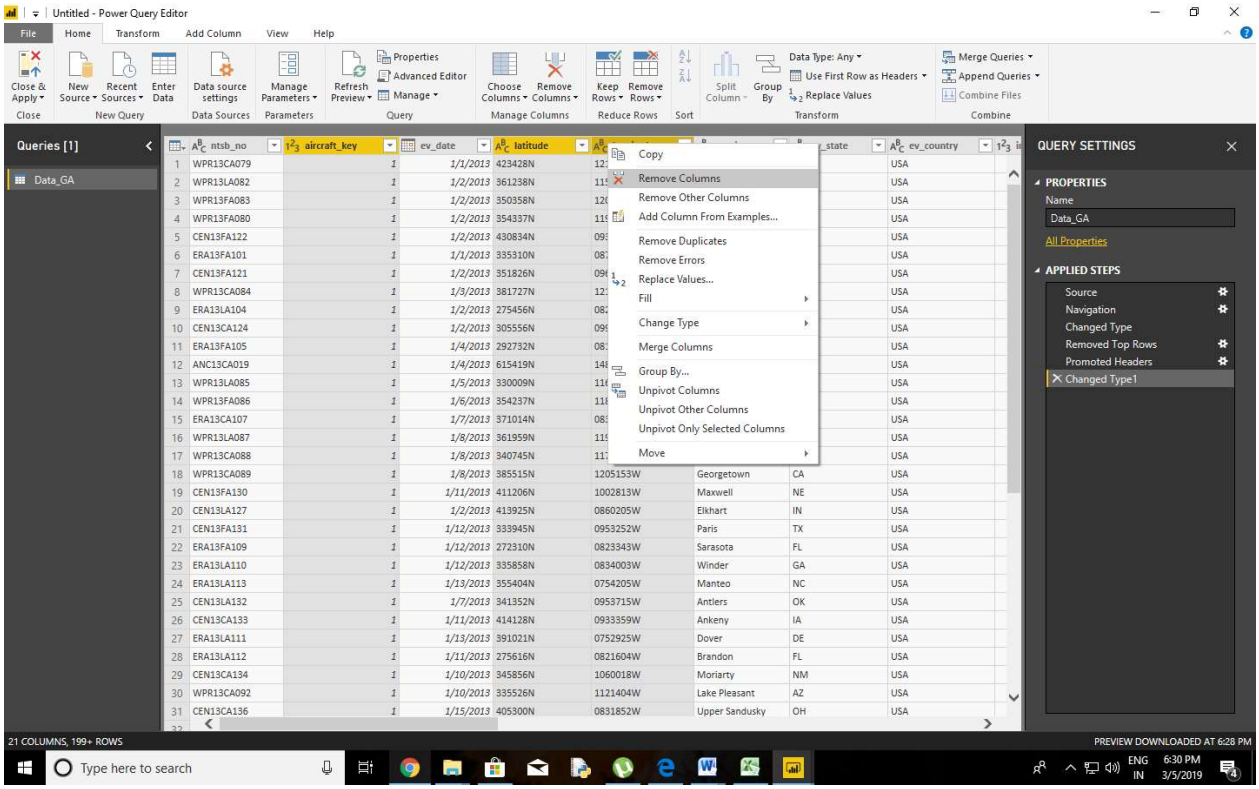
Step 10: Transform→Use first row as headers.



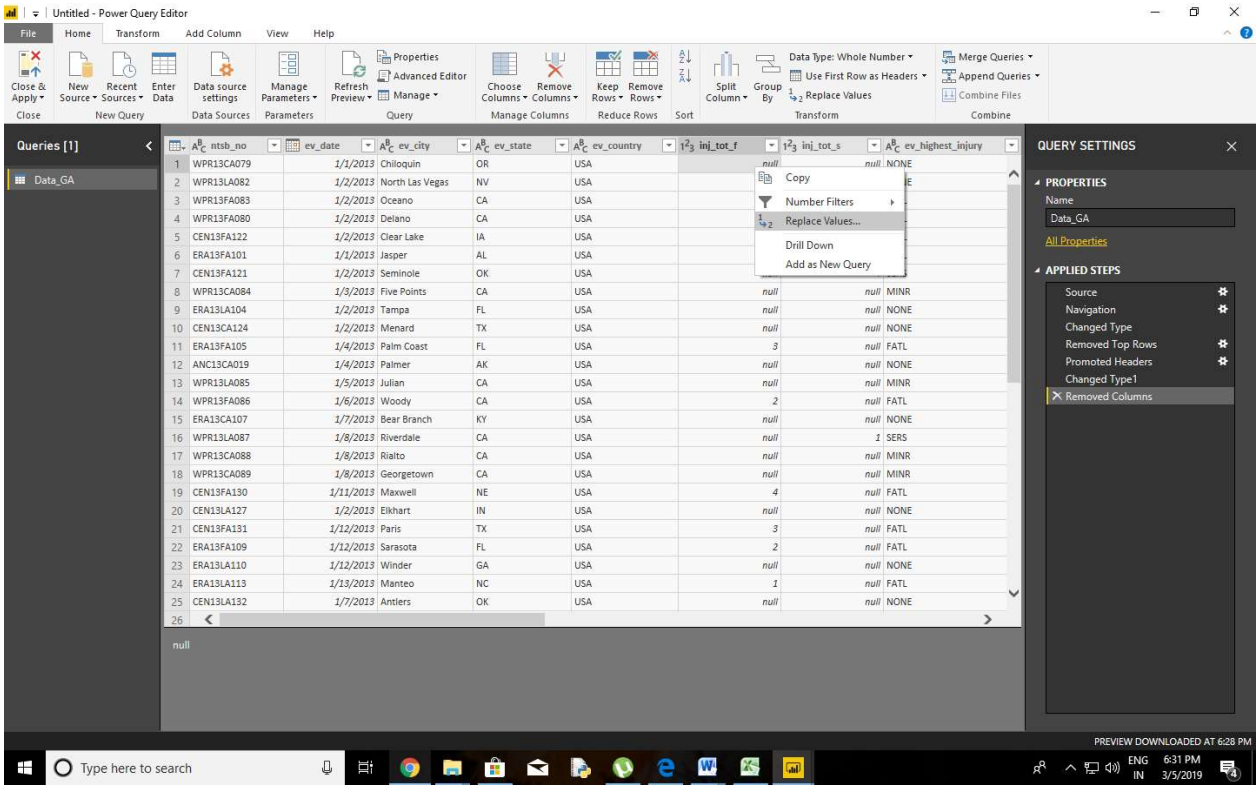
Step 11: Your table has appropriate headers now.



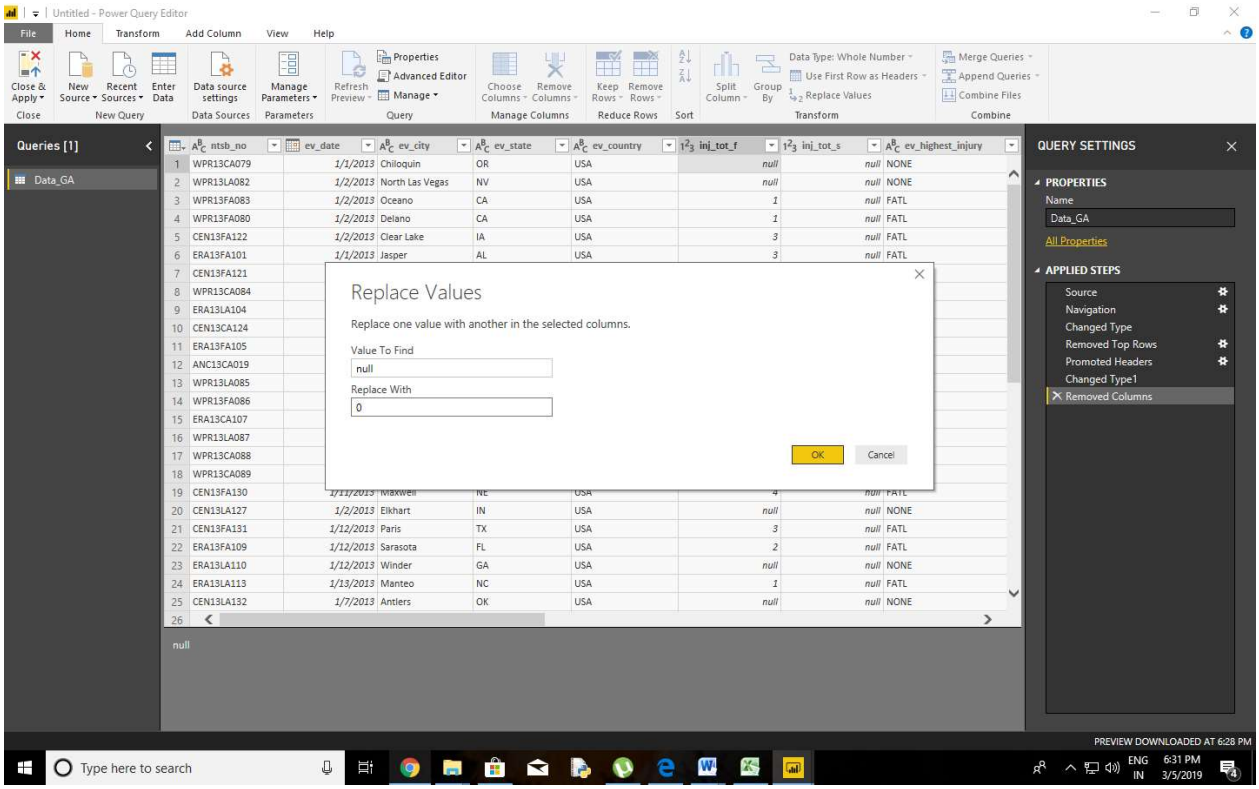
Step 12: Right click on the columns which you don't want to use→Remove Columns.



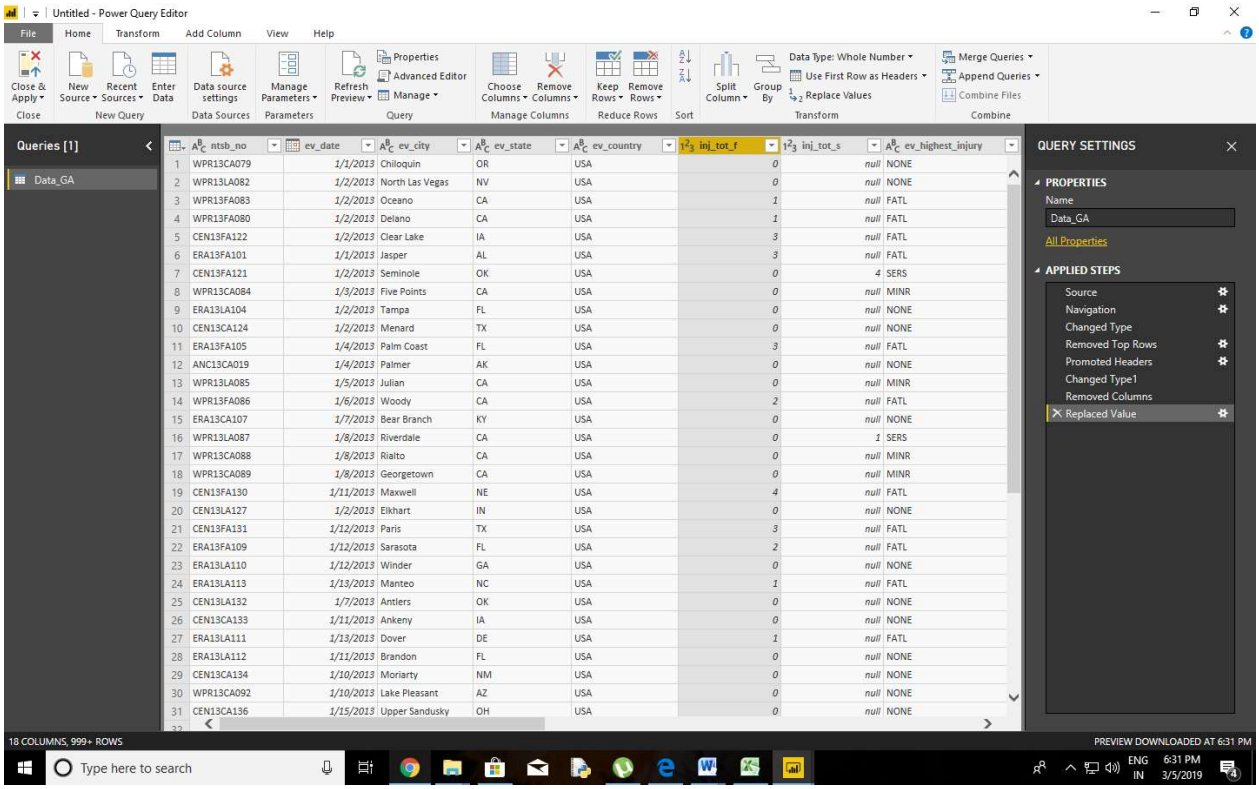
Step 13: Replace values by selecting that cell→right click→replace values…



Step 14: Provide the new value and click on OK.



Step 15: All values having the values you wished to replace earlier will be replaced with new values.



	ntsb_no	ev_date	ev_city	ev_state	ev_country	inj_tot_f	inj_tot_s	ev_highest_injury
1	WPR13CA079	1/1/2013	Chiloquin	OR	USA	0	null	NONE
2	WPR13LA082	1/2/2013	North Las Vegas	NV	USA	0	null	NONE
3	WPR13FA083	1/2/2013	Oceano	CA	USA	1	null	FATL
4	WPR13FA080	1/2/2013	Delano	CA	USA	1	null	FATL
5	CEN13FA122	1/2/2013	Clear Lake	IA	USA	3	null	FATL
6	ERA13FA101	1/1/2013	Jasper	AL	USA	3	null	FATL
7	CEN13FA121	1/2/2013	Seminole	OK	USA	0	4	SERS
8	WPR13CA084	1/3/2013	Five Points	CA	USA	0	null	MINR
9	ERA13LA104	1/2/2013	Tampa	FL	USA	0	null	NONE
10	CEN13CA124	1/2/2013	Menard	TX	USA	0	null	NONE
11	ERA13FA105	1/4/2013	Palm Coast	FL	USA	3	null	FATL
12	ANC13CA019	1/4/2013	Palmer	AK	USA	0	null	NONE
13	WPR13LA085	1/5/2013	Julian	CA	USA	0	null	MINR
14	WPR13FA086	1/6/2013	Woody	CA	USA	2	null	FATL
15	ERA13CA107	1/7/2013	Bear Branch	KY	USA	0	null	NONE
16	WPR13LA087	1/8/2013	Riverdale	CA	USA	0	1	SERS
17	WPR13CA088	1/8/2013	Rialto	CA	USA	0	null	MINR
18	WPR13CA089	1/8/2013	Georgetown	CA	USA	0	null	MINR
19	CEN13FA130	1/11/2013	Maxwell	NE	USA	4	null	FATL
20	CEN13LA127	1/2/2013	Elkhart	IN	USA	0	null	NONE
21	CEN13FA131	1/12/2013	Paris	TX	USA	3	null	FATL
22	ERA13FA109	1/12/2013	Sarasota	FL	USA	2	null	FATL
23	ERA13LA110	1/12/2013	Winder	GA	USA	0	null	NONE
24	ERA13LA113	1/13/2013	Manteo	NC	USA	1	null	FATL
25	CEN13LA132	1/7/2013	Antlers	OK	USA	0	null	NONE
26	CEN13CA133	1/11/2013	Ankeny	IA	USA	0	null	NONE
27	ERA13LA111	1/13/2013	Dover	DE	USA	1	null	FATL
28	ERA13LA112	1/11/2013	Brandon	FL	USA	0	null	NONE
29	CEN13CA134	1/10/2013	Moriarty	NM	USA	0	null	NONE
30	WPR13CA092	1/10/2013	Lake Pleasant	AZ	USA	0	null	NONE
31	CEN13CA136	1/15/2013	Upper Sandusky	OH	USA	0	null	NONE