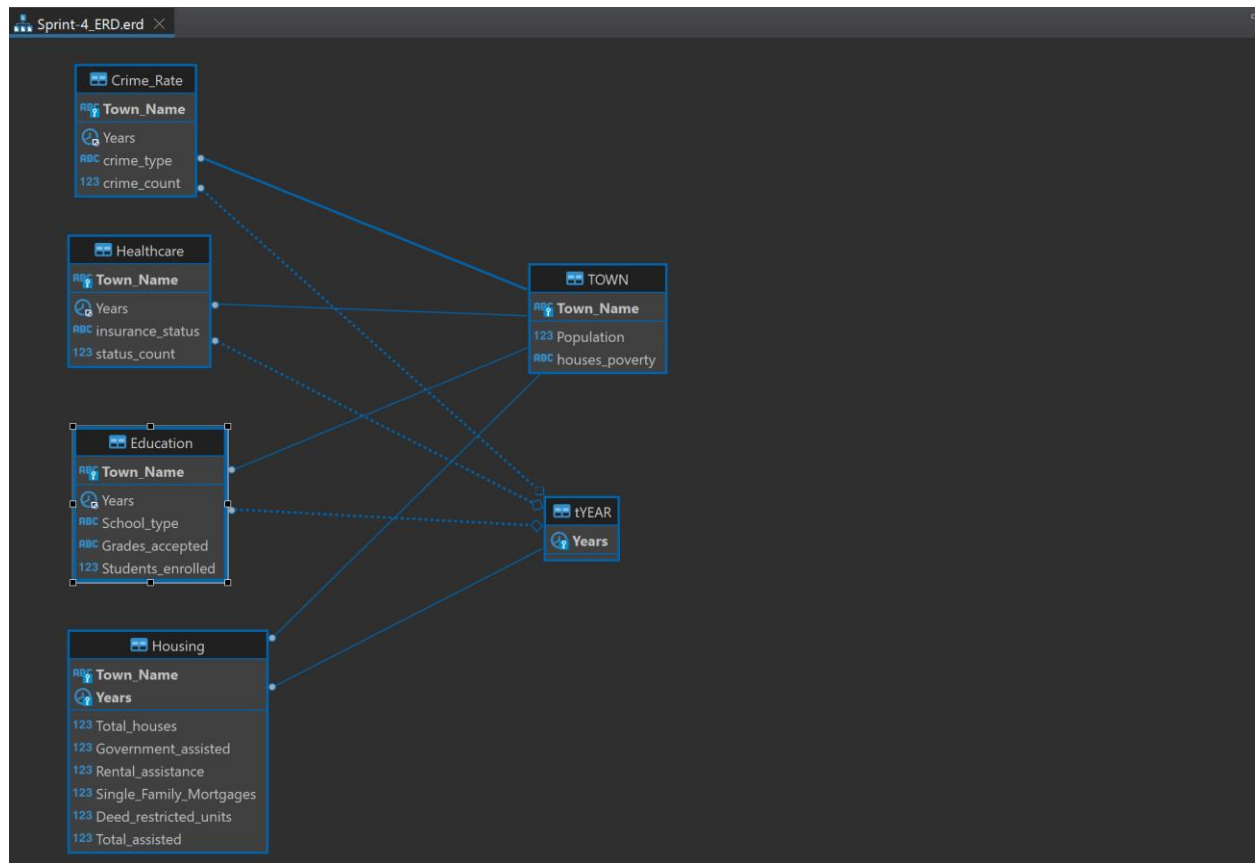


## ER Diagram:



TOWN:

Record Details:

Sprint-4\_ERD.edb

Properties Data ER Diagram

Enter a SQL expression to filter results (use Ctrl+Space)

	Town_Name	Population	houses_poverty
1	Andover	3,260	Below Poverty Level
2	Ansonia	3,159	Below Poverty Level
3	Ashford	19,480	Below Poverty Level
4	Avon	4,378	Below Poverty Level
5	Barkhamsted	19,226	Poverty Status Determined
6	Beacon Falls	3,845	Poverty Status Determined
7	Berlin	6,265	Below Poverty Level
8	Bethany	20,069	Below Poverty Level
9	Bethel	5,685	Below Poverty Level
10	Bethlehem	18,175	Below Poverty Level
11	Bloomfield	3,605	Poverty Status Determined
12	Bolton	20,508	Poverty Status Determined
13	Bozrah	4,832	Below Poverty Level
14	Branford	2,714	Below Poverty Level
15	Bridgeport	27,081	Below Poverty Level
16	Bridgewater	145,842	Below Poverty Level
17	Bristol	1,659	Poverty Status Determined
18	Brookfield	59,918	Poverty Status Determined
19	Brooklyn	16,225	Below Poverty Level
20	Burlington	8,579	Below Poverty Level

Column Details:

The screenshot shows the 'Properties' dialog for a table named 'TOWN'. The 'Columns' tab is selected, displaying a table with the following columns:

Column Name	#	Data Type	Not Null	Auto Increment	Key	Default	Extra	Expression
Town_Name	1	varchar(30)	[v]	[ ]	PRI			
Population	2	int(11)	[v]	[ ]				
houses_poverty	3	varchar(40)	[ ]	[ ]		NULL		

The 'Description' field is empty.

Crime\_Rate:

Record Details:

Sprint-4\_ERD.erdTOWNCrime\_Rate

PropertiesDataER Diagram

Crime\_RateEnter a SQL expression to filter results (use Ctrl+Space)

	Town_Name	Years	crime_type	crime_count
1	Andover	2001-01-01	Aggravated Assault	405
2	Ansonia	2002-01-01	Murder	31
3	Ashford	2003-01-01	Rape	374
4	Avon	2004-01-01	Robbery	7
5	Barkhamsted	2005-01-01	Burglary	2
6	Beacon Falls	2006-01-01	Larceny	3
7	Berlin	2007-01-01	Motor Vehicle Theft	19
8	Bethany	2008-01-01	Arson	49
9	Bethel	2009-01-01	Aggravated Assault	284
10	Bethlehem	2010-01-01	Murder	41
11	Bloomfield	2011-01-01	Rape	3
12	Bolton	2012-01-01	Robbery	485
13	Bozrah	2013-01-01	Burglary	29
14	Branford	2014-01-01	Larceny	456
15	Bridgeport	2015-01-01	Motor Vehicle Theft	10
16	Bridgewater	2016-01-01	Arson	48
17	Bristol	2017-01-01	Aggravated Assault	4
18	Brookfield	2018-01-01	Murder	15
19	Brooklyn	2019-01-01	Rape	81
20	Burlington	2020-01-01	Robbery	317

Column Details:

HealthcareTOWNHousingCrime\_RateEducationtYEAR

PropertiesDataER Diagram

Table Name: Table data base

Engine: InnoDB

Auto Increment: 0

Charset: utf8mb4

Collation: utf8mb4\_general\_ci

Description:

Columns	Column Name	#	Data Type	Not Null	Auto Increment	Key	Default	Extra
	Town_Name	1	varchar(30)	[v]	[ ]	PRI		
	Years	2	date	[ ]	[ ]	MUL	NULL	
	crime_type	3	varchar(30)	[ ]	[ ]		NULL	
	crime_count	4	int(11)	[ ]	[ ]		NULL	

Education:

Record Details:

Sprint-4.ERD.erd TOWN Crime\_Rate Education

Properties Data ER Diagram arm2

Education Enter a SQL expression to filter results (use Ctrl+Space)

Grid	Town_Name	Years	School_type	Grades_accepted	Students_enrolled
1	Andover	2001-01-01	Public	Grades 9 to 12	8,260
2	Ansonia	2002-01-01	Private	Grades 9 to 12	8,172
3	Ashford	2003-01-01	Public	Grades 1 to 4	7,844
4	Avon	2004-01-01	Private	Grades 5 to 8	7,061
5	Barkhamsted	2005-01-01	Public	Grades 5 to 8	7,052
6	Beacon Falls	2006-01-01	Private	Pre-K	7,909
7	Berlin	2007-01-01	Public	K	7,896
8	Bethany	2008-01-01	Public	Grades 1 to 4	7,891
9	Bethel	2009-01-01	Private	Grades 9 to 12	7,880
10	Bethlehem	2010-01-01	Public	Grades 5 to 8	7,880
11	Bloomfield	2011-01-01	Private	Grades 1 to 4	7,877
12	Bolton	2012-01-01	Private	Pre-K	7,874
13	Bozrah	2013-01-01	Public	Grades 5 to 8	7,870
14	Branford	2014-01-01	Private	Grades 9 to 12	7,003
15	Bridgeport	2015-01-01	Public	K	6,986
16	Bridgewater	2016-01-01	Public	Pre-K	6,982
17	Bristol	2017-01-01	Total	Grades 1 to 4	6,981
18	Brookfield	2018-01-01	Public	Grades 9 to 12	6,981
19	Brooklyn	2019-01-01	Total	Grades 5 to 8	6,974
20	Burlington	2020-01-01	Public	Pre-K	6,974

Column Details:

Healthcare TOWN Housing Crime\_Rate Education tYEAR

Properties Data ER Diagram arm22008 Databases

Table Name: Education

Engine: InnoDB

Auto Increment: 0

Charset: utf8mb4

Collation: utf8mb4\_general\_ci

Description:

Columns	Column Name	#	Data Type	Not Null	Auto Increment	Key	Default	Extra
	Town_Name	1	varchar(30)	[v]	[ ]	PRI		
Constraints	Years	2	date	[ ]	[ ]	MUL	NULL	
Foreign Keys	School_type	3	varchar(20)	[ ]	[ ]		NULL	
References	Grades_accepted	4	varchar(50)	[ ]	[ ]		NULL	
Triggers	Students_enrolled	5	int(11)	[ ]	[ ]		NULL	
Indexes								
Statistics								
DDL								
Virtual								

Housing:

Record Details:

Town_Name	Years	Total_houses	Government_assisted	Rental_assistance	Single_Family_Mortgages	Deed_restricted_units
Andover	2001-01-01	1,317	18	1	32	
Ansonia	2002-01-01	8,148	349	764	147	
Ashford	2003-01-01	1,903	32	0	36	
Avon	2004-01-01	7,389	244	16	44	
Barkhamsted	2005-01-01	1,589	0	6	23	
Beacon Falls	2006-01-01	2,509	0	4	46	
Berlin	2007-01-01	8,140	556	50	142	
Bethany	2008-01-01	2,044	0	2	13	
Bethel	2009-01-01	7,310	192	26	154	
Bethlehem	2010-01-01	1,575	24	0	9	
Bloomfield	2011-01-01	9,019	558	106	341	
Bolton	2012-01-01	2,015	0	2	28	
Bozrah	2013-01-01	1,059	0	3	30	
Branford	2014-01-01	13,972	233	77	170	
Bridgeport	2015-01-01	57,012	6,505	4,353	900	
Bridgewater	2016-01-01	881	0	24	1	
Bristol	2017-01-01	27,011	1,908	962	1,124	
Brookfield	2018-01-01	6,562	155	27	110	
Brooklyn	2019-01-01	3,235	189	9	65	
Burlington	2020-01-01	3,389	27	0	47	

Years	Total_houses	Government_assisted	Rental_assistance	Single_Family_Mortgages	Deed_restricted_units	Total_assisted
01-01-01	1,317	18	1	32	0	51
02-01-01	8,148	349	764	147	0	1,260
03-01-01	1,903	32	0	36	0	68
04-01-01	7,389	244	16	44	0	304
05-01-01	1,589	0	6	23	0	29
06-01-01	2,509	0	4	46	0	50
07-01-01	8,140	556	50	142	4	752
08-01-01	2,044	0	2	13	0	15
09-01-01	7,310	192	26	154	87	459
10-01-01	1,575	24	0	9	0	33
11-01-01	9,019	558	106	341	0	1,005
12-01-01	2,015	0	2	28	0	30
13-01-01	1,059	0	3	30	0	33
14-01-01	13,972	233	77	170	9	489
15-01-01	57,012	6,505	4,353	900	19	11,777
16-01-01	881	0	24	1	0	25
17-01-01	27,011	1,908	962	1,124	0	3,994
18-01-01	6,562	155	27	110	77	369
19-01-01	3,235	189	9	65	0	263
20-01-01	3,389	27	0	47	0	74

Column Details:

Column Name	#	Data Type	Not Null	Auto Increment	Key	Default	Extra	Exp
Town_Name	1	varchar(30)	[v]	[ ]	PRI			
Years	2	date	[v]	[ ]	PRI			
Total_houses	3	int(11)	[ ]	[ ]		NULL		
Government_assisted	4	int(11)	[ ]	[ ]		NULL		
Rental_assistance	5	int(11)	[ ]	[ ]		NULL		
Single_Family_Mortgages	6	int(11)	[ ]	[ ]		NULL		
Deed_restricted_units	7	int(11)	[ ]	[ ]		NULL		
Total_assisted	8	int(11)	[ ]	[ ]		NULL		



Years (tYear):

Record Details:

The screenshot shows a database application window with multiple tabs. The 'tYEAR' tab is active, displaying a table with 20 rows. The first row is highlighted. The table contains dates from 2001-01-01 to 2020-01-01.

	Years
1	2001-01-01
2	2002-01-01
3	2003-01-01
4	2004-01-01
5	2005-01-01
6	2006-01-01
7	2007-01-01
8	2008-01-01
9	2009-01-01
10	2010-01-01
11	2011-01-01
12	2012-01-01
13	2013-01-01
14	2014-01-01
15	2015-01-01
16	2016-01-01
17	2017-01-01
18	2018-01-01
19	2019-01-01
20	2020-01-01

Column Details:

The screenshot shows the 'Properties' window for the 'tYEAR' table. The 'Columns' tab is active, displaying the details for the 'Years' column.

Column Name	#	Data Type	Not Null	Auto Increment	Key	Default	Extra	Exp
Years	1	date	[v]	[ ]	PRI			

## Kanban Tool:

To do	In Progress	Done
+	+	+
Create slide deck	Research more about Dataset	Create Team
Present findings/insights and database	Read and Learn More about SQL and ER Models	Select the topic
	Writing SQL reports using sql command	Create team on kanban tool
		Assign a PM
		Write Paragraph to explain about topic
		Build a physical ER model
		Export data file from data.ct.gov