
SQLiteStudio

&

Data Types



devleague

The Question

How do I import an excel spreadsheet into SQLite to create a database?

The Result?

- An answered question leading to a lot more questions.
- We love errors

```
C:\Users\justine\Desktop\DevLeague\SQLite3\sqlite>
SQLite version 3.17.0 2017-02-13 16:02:40
Enter ".help" for usage hints.
Connected to a transient in-memory database.
Use ".open FILENAME" to reopen on a persistent database.
sqlite>
```

SQLite3 Command Line

SQLiteStudio (3.1.1) - [Parking_Data (Justine_Tori)]

Database Structure View Tools Help

Structure Data Constraints Indexes Triggers DDL

Grid view Form view Filter d... Total rows loaded: 146

	LOCATION	QUANTITY	METER_NUMBER	RATE_HOUR	TIME_LIMIT	TYPE
1	Aala Place	12	1175-1185	\$0.75	2 HRS	On-street
2	Aala St.	73	1107-1173	\$0.75	2 HRS	On-street
3	Alakea St.	4	401-404	\$1.50	1 HR	On-street
4	Alapai St.	16	2127-2142	\$0.75	2 HRS	On-street
5	Aloha Drive	19	4601-4620	\$1.50	2 HRS	On-street
6	Auahi St.	45	3600-3644	\$1.50	2 HRS	On-street
7	Beachwalk	6	4464-4469	\$1.50	2 HRS	On-street
8	Bethel St.	19		\$1.50	1 HR	On-street
9	Bishop St.	14		\$1.50	1 HR	On-street
10	Fort St.	18		\$1.50	1 HR	On-street
11	Hale Makai St.	6		\$0.75	2 HRS	On-street
12	Hobron Ln.	35		\$1.50	2 HRS	On-street
13	Kalaimoku St.	21	4541-4567	\$1.50	2 HRS	On-street
14	Kanekapole St.	13	507-525	\$1.50	2 HRS	On-street
15	Kapahulu Ave. Ala Wai-Kalakaua	39	387-429	\$1.50	2 HRS	On-street
16	Kapahulu Ave. Winam-Harding	7	148-154	\$1.50	1 HR	On-street
17	Keeaumoku St.	29	3020-3048	\$0.75	2 HRS	On-street
18	Kukui St. Aala-College Walk	20	600-608, 661-671	\$1.50	1 HR	On-street
19	Kukui St. Queen Emma St-River	52	609-639, 646-660	\$0.75	1 HR	On-street
20	Lewers St.	8	716, 721-722, 732-736	\$1.50	2 HRS	On-street
21	Marin St.	3	1650-1652	\$1.50	1 HR	On-street
22	Maualea St.	63	1238-1299	\$1.50	1 HR	On-street
23	McCully St.	5	796-800	\$1.50	2 HRS	On-street
24	Merchant St.	11	1655-1665	\$1.50	1 HR	On-street
25	Millani St.	11	1885-1895	\$1.50	1 HR	On-street
26	N. Beretania St.	41	944-984	\$0.75	1 HR	On-street
27	N. King St.	16	1060-1061, 1079-1092	\$0.75	2 HRS	On-street
28	N. King St.	15	1063-1067, 1069-1078	\$0.75	1 HR	On-street
29	Nahua St.	21	4701-4721	\$1.50	2 HRS	On-street
30	Nohonani St.	13	4671-4686	\$1.50	2 HRS	On-street
31	Nuuanu Ave.	56	1515-1570	\$1.50	1 HR	On-street
32	Ohua Ave.	25	4801-4825	\$1.50	2 HRS	On-street
33	Ohua Ave.	40	4643-4673	\$1.50	2 HRS	On-street

Status

- [20:37:59] Error while executing SQL query on database 'Justine_Tori': near "select": syntax error
- [20:38:27] Query finished in 0.016 second(s).
- [20:42:48] Committed changes for table 'Parking_Data' successfully.
- [20:44:59] Error while executing SQL query on database 'city_parking': no such table: Parking_Data
- [20:45:25] Query finished in 0.000 second(s).
- [20:46:09] Query finished in 0.001 second(s).
- [21:07:08] Committed changes for table 'Parking_Data' successfully.
- [21:11:07] Imported data to the table 'Parking_Data' successfully.

city_parking (city_parking) | October_Trips (October_Trips) | Parking_Data (Justine_Tori) | SQL editor 1 | SQL editor 2 | SQL editor 3 | SQL editor 4 | SQL editor 5

I prefer to work with SQLite databases using an intuitive GUI tool.

SQLite 3 and the Command Line

1	LOCATION	Quantity	METER NUMBERS	RATE/HR	TIMELIMIT	TYPE
2	Aala Place	12	1175-1185	0.75	2 HRS	On-street
3	Aala St.	73	1101-1173	0.75	2 HRS	On-street
4	Alakea St.	4	401-404	1.5	1 HR	On-street
5	Alapai St.	16	2127-2142	0.75	2 HRS	On-street
6	Aloha Drive	19	4601-4620	1.5	2 HRS	On-street
7	Auahi St.	45	3600-3644	1.5	2 HRS	On-street
8	Beachwalk	6	4461-4468	1.5	2 HRS	On-street
9	Bethel St.	19	1670-1688	1.5	1 HR	On-street
10	Bishop St.	14	1631-1644	1.5	1 HR	On-street
11	Fort St.	18	1600-1617	1.5	1 HR	On-street
12	Hale Makai St.	6	4026	0.75	2 HRS	On-street
13	Hobron Ln.	35	4401-4435	1.5	2 HRS	On-street
14	Kalaimoku St.	21	4541-4567	1.5	2 HRS	On-street
15	Kanekapolie St.	13	507-525	1.5	2 HRS	On-street
16	Kapahulu Ave. Ala Wai-Kalakaua	39	387-429	1.5	2 HRS	On-street
17	Kapahulu Ave. Winam-Harding	7	148-154	1.5	1 HR	On-street
18	Keeaumoku St.	29	3020-3048	0.75	2 HRS	On-street
19	Kukui St. Aala-College Walk	20	600-608, 661-671	1.5	1 HR	On-street
20	Kukui St. Queen Emma St-River	52	609-639, 646-660	0.75	1 HR	On-street
21	Lewers SR.	8	716, 721-722, 732-736	1.5	2 HRS	On-street
22	Marin St.	3	1650-1652	1.5	1 HR	On-street

```
sqlite> .mode csv
[sqlite> .import /Users/victorialarson/Desktop/Dev\ League/Repos/Sprint2/
City_Public_Parking_Stalls.csv
Error: cannot open "/Users/victorialarson/Desktop/Dev\"
sqlite> .import /Users/victorialarson/Desktop/City_Public_Parking_Stalls
.csv city_parking
sqlite> .schema
CREATE TABLE city_parking(
  "LOCATION" TEXT,
  "Quantity" TEXT,
  "METER NUMBERS" TEXT,
  "RATE/HR" TEXT,
  "TIMELIMIT" TEXT,
  "TYPE" TEXT
);
```

Tori's First Query

```
sqlite> SELECT LOCATION  
...> FROM city_parking;
```

"Aala Place"

"Aala St."

"Alakea St."

"Alapai St."

"Aloha Drive"

"Auahi St."

Beachwalk

"Bethel St."

"Bishop St."

"Fort St."

"Hale Makai St."

"Hobron Ln."

"Kalaimoku St."

"Kaneikapolie St."

"Kapahulu Ave. Ala Wai-Kalakaua"

"Kapahulu Ave. Winam-Harding"

"Keeaumoku St."

"Kukui St. Aala-College Walk"

"Kukui St. Queen Emma St-River"

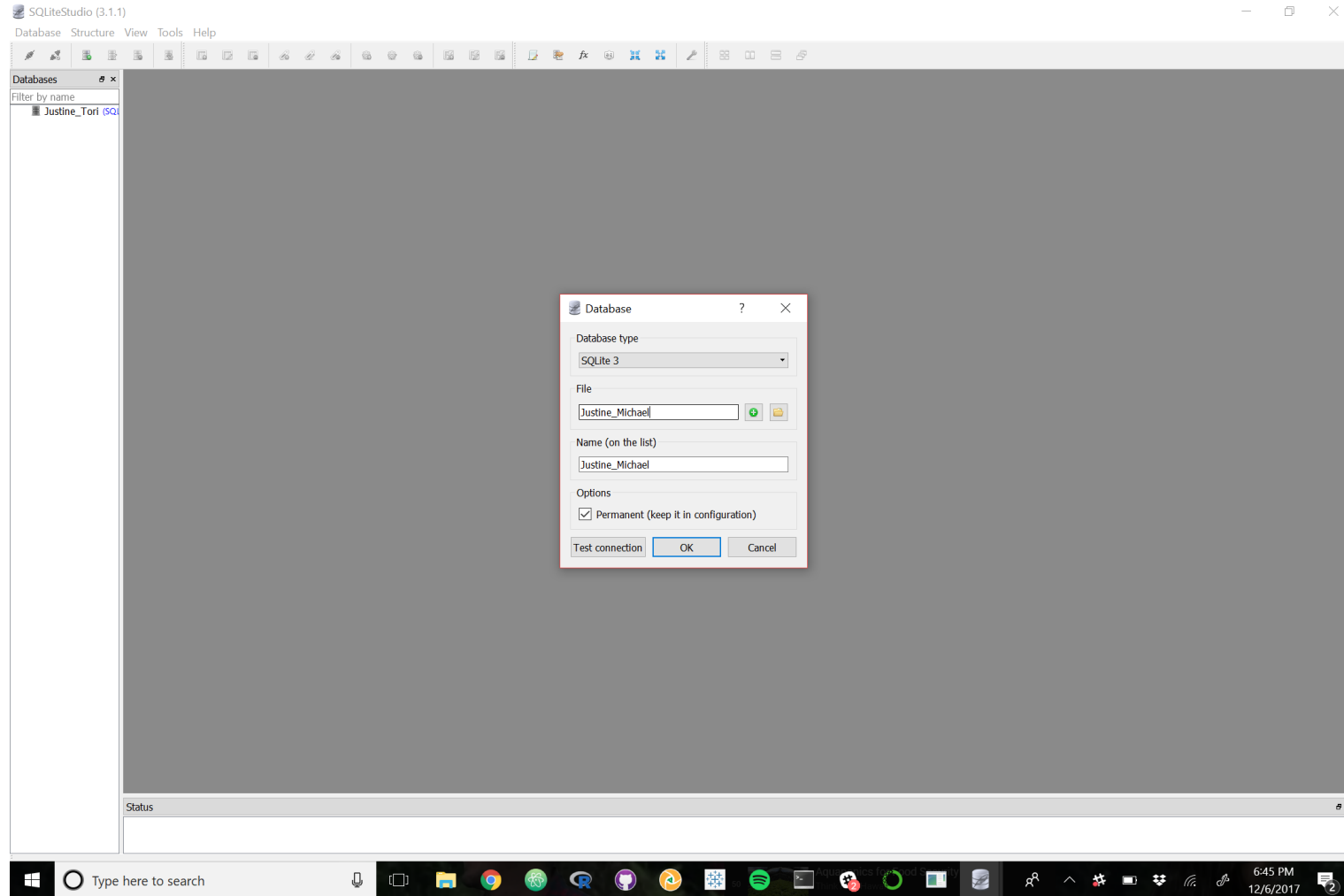
"Lewers SR."

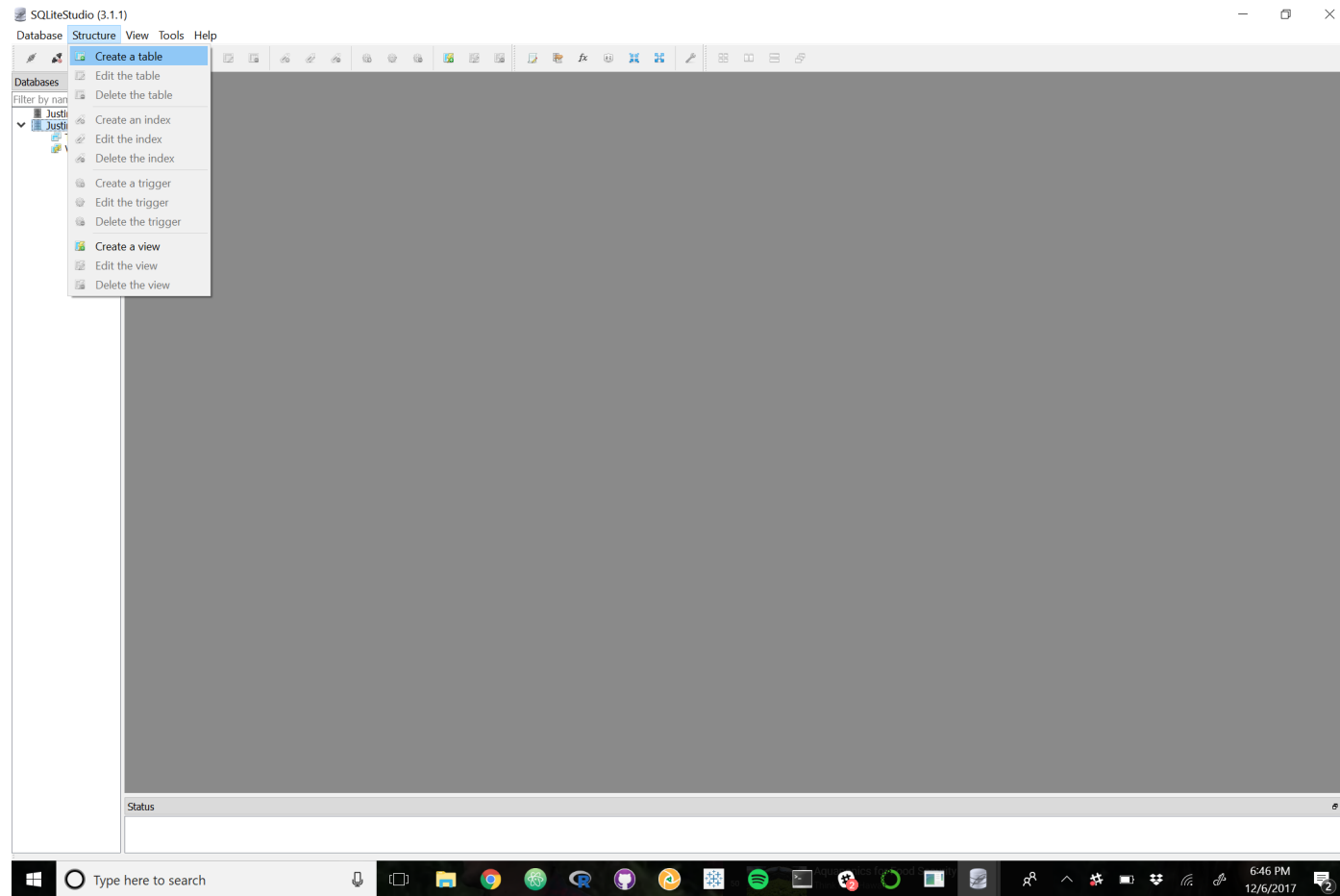
"Marin St."

SELECT LOCATION
FROM city_parking.

,

Very Important





OCT_LESS - Excel

FILE HOME INSERT PAGE LAYOUT FORMULAS DATA REVIEW VIEW

Clipboard Font Alignment Number Conditional Formatting Format as Table Cell Styles

Customer_ID

A	B	C	D	E	F	G	H	I	J	
Customer	Product	IC	Zipcode	Trip_ID	Start	Stati	End	Statio	Duration	Trip_Cost
12782	2	96815	208730	42	42	0:14:27	0			
30323	3	96822	208731	67	4	0:10:57	NULL			
19733	1	96825	208732	5	75	0:18:45	0			
32556	5	3082	208733	31	30	1:04:43	NULL			
18343	6	96816	208734	5	75	0:18:04	NULL			
31007	3	96734	208735	5	75	0:17:23	NULL			
24280	2	96815	208736	25	16	0:04:37	0			
26617	5	96815	208737	45	17	0:03:32	NULL			
21743	2	96826	208738	15	46	0:08:25	0			
21738	2	96826	208739	15	46	0:08:31	0			
31901	4	96817	208740	74	68	0:16:42	0			
32588	4	234	208741	31	30	0:56:15	3.5			
5494	3	96822	208742	74	36	0:12:31	NULL			
30321	5	96813	208743	8	80	0:21:43	NULL			
2843	3	96814	208744	8	80	0:22:30	3.5			
28316	3	96814	208745	8	80	0:20:52	NULL			
15866	3	96826	208746	74	37	0:11:21	NULL			
31632	2	91031	208747	16	16	0:21:45	0			
11211	2	96815	208748	50	42	0:07:57	0			
4618	2	96814	208749	4	59	0:08:17	0			
10366	6	96815	208750	30	17	0:05:40	NULL			
2885	1	96816	208751	42	58	0:08:32	0			
32981	5	96826	208752	33	33	0:00:26	NULL			
24280	2	96815	208753	16	76	0:13:53	0			
32981	5	96826	208754	33	41	0:10:27	NULL			
29492	5	96816	208755	33	41	0:10:07	NULL			
15063	5	96786	208756	80	81	0:02:37	NULL			
3089	6	96734	208757	39	7	0:18:54	NULL			
27280	1	96815	208758	76	17	0:07:49	0			
26067	2	96814	208759	66	63	0:04:04	0			

OCT_LESS

September MonthlyCustomerTrips - Excel

FILE HOME INSERT PAGE LAYOUT FORMULAS DATA REVIEW VIEW

Clipboard Font Alignment Number Conditional Formatting Format as Table Cell Styles

327 Waikiki - Kalakaua & Kaiulani

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	
Customer	First Nam	Last Nam	User Type	Product	IC	Zip Code	Product N	Gift Code	Trip ID	Start Date	Start Time	Start Stati	End Date	End Time	End Stati	End Stati	Trip Dura	Duration	Closed St	Trip Cost	
24321	RYCKO	KIMURA	Customer	4	5990232	Single Rik	NULL		136942	9/12/2017	0:00:15	22	327 Waik	9/12/2017	0:03:52	23	331 Waik	217	0:03:37	NORMAL	0
24321	RYCKO	KIMURA	Customer	4	5990232	Single Rik	NULL		136943	9/12/2017	0:00:24	22	327 Waik	9/12/2017	0:04:12	23	331 Waik	228	0:03:48	NORMAL	0
10602	BRITNE	AUTEN	Customer	3	96815	Free Spiri	NULL		136944	9/12/2017	0:13:05	30	321 Waik	9/12/2017	0:21:12	42	301 Waik	487	0:08:07	NORMAL	NULL
15039	Brosnan	Dumayas	Subscriber	2	96814	\$15 Month	NULL		136945	9/12/2017	0:17:29	73	103 Downt	9/12/2017	0:37:27	49	235 Kaka	1198	0:19:58	NORMAL	0
5486	VIKA	ROSEN	Customer	3	96815	Free Spiri	NULL		136946	9/12/2017	0:21:00	89	328 Waik	9/12/2017	0:26:12	12	504 Diam	312	0:05:12	NORMAL	NULL
15094	ADAM	OFDQNE	Customer	3	96712	Free Spiri	NULL		136947	9/12/2017	0:21:00	79	460 McCu	9/12/2017	0:34:41	28	313 Waik	821	0:13:41	NORMAL	NULL
24075	Justin	Bower	Subscriber	5	96815	Free Spiri	NULL		136948	9/12/2017	0:34:09	26	330 Waik	9/12/2017	0:37:44	28	313 Waik	215	0:03:35	NORMAL	NULL
17664	Kazuhiro	Nishimura	Subscriber	2	96814	\$15 Month	NULL		136949	9/12/2017	0:35:13	79	460 McCu	9/12/2017	0:43:03	50	300 Waik	470	0:07:50	NORMAL	0
10570	Yuka	Takasu	Subscriber	2	96814	\$15 Month	NULL		136950	9/12/2017	0:40:47	50	300 Waik	9/12/2017	0:48:35	48	234 Kaka	468	0:07:48	NORMAL	0
1034	ANDREW	MIN	Customer	3	96826	Free Spiri	NULL		136951	9/12/2017	0:51:48	69	105 Downt	9/12/2017	0:55:29	69	105 Downt	221	0:03:41	NORMAL	NULL
24034	Morgan	Worth	Subscriber	2	96826	\$15 Month	NULL		136952	9/12/2017	0:55:15	103	332 Waik	9/12/2017	1:10:16	46	456 McCu	901	0:15:01	NORMAL	0
24329	VIRGILIO	ARCHIB	Customer	4	96815	Free Spiri	NULL		136953	9/12/2017	0:57:07	18	314 Waik	9/12/2017	1:06:37	51	241 Kaka	570	0:09:30	NORMAL	0
24329	VIRGILIO	ARCHIB	Customer	4	96815	Free Spiri	NULL		136954	9/12/2017	0:57:26	18	314 Waik	9/12/2017	1:06:50	53	243 Kaka	564	0:09:24	NORMAL	0
16674	Takashi	Okawa	Subscriber	2	96815	\$15 Month	NULL		136955	9/12/2017	1:00:14	76	231 Kaka	9/12/2017	1:04:47	77	209 Kaka	273	0:04:33	NORMAL	0
2612	FUMIAKI	MATSUK	Customer	3	96815	Free Spiri	NULL		136956	9/12/2017	1:01:48	30	321 Waik	9/12/2017	1:07:22	23	331 Waik	334	0:05:34	NORMAL	NULL
16674	Takashi	Okawa	Subscriber	2	96815	\$15 Month	NULL		136957	9/12/2017	1:05:15	77	209 Kaka	9/12/2017	1:16:24	23	331 Waik	669	0:11:09	NORMAL	0
2885	Teef	Johnson	Subscriber	1	96816	\$25 Month	NULL		136958	9/12/2017	1:16:06	58	236 Kaka	9/12/2017	1:33:03	29	312 Waik	1017	0:16:57	NORMAL	0
2229	Neil	Ganibi	Subscriber	2	96814	\$15 Month	NULL		136959	9/12/2017	1:16:19	16	318 Waik	9/12/2017	1:37:08	35	402 Lower	1249	0:20:49	NORMAL	0
15927	MICHAEL	FRANKLI	Customer	3	96817	Free Spiri	NULL		136960	9/12/2017	1:20:09	78	245 Kaka	9/12/2017	1:40:02	70	100 Downt	1193	0:19:53	NORMAL	NULL
12451	CARL	TAM	Customer	3	96814	Free Spiri	NULL		136961	9/12/2017	1:23:47	47	453 McCu	9/12/2017	1:28:33	48	234 Kaka	286	0:04:46	NORMAL	NULL
18542	Isaac	Kaaihue	Subscriber	5	96826	Free Spiri	NULL		136962	9/12/2017	1:28:53	29	312 Waik	9/12/2017	1:44:13	8	508 Diam	920	0:15:20	NORMAL	NULL
7938	VILLIAMJ	ROSEN	Customer	3	96815	Free Spiri	NULL		136963	9/12/2017	1:29:42	24	326 Waik	9/12/2017	1:34:55	12	504 Diam	313	0:05:13	NORMAL	NULL
1034	ANDREW	MIN	Customer	3	96826	Free Spiri	NULL		136964	9/12/2017	1:30:13	69	105 Downt	9/12/2017	1:33:52	39	454 McCu	7419	2:03:39	NORMAL	3.5
14801	Jessica	Arvidson	Subscriber	2	96826	\$15 Month	NULL		136965	9/12/2017	1:30:15	28	313 Waik	9/12/2017	1:36:55	46	456 McCu	400	0:06:40	NORMAL	0
17601	Andrew	Woodley	Subscriber	2	96815	\$15 Month	NULL		136966	9/12/2017	1:31:09	25	325 Waik	9/12/2017	1:42:46	14	520 Diam	697	0:11:37	NORMAL	0
53	Michael	Viscovich	Subscriber	6	96815	Free Spiri	NULL		136967	9/12/2017	1:32:52	42	301 Waik	9/12/2017	1:38:29	19	315 Waik	337	0:05:37	NORMAL	NULL
4888	Tony	Reed	Subscriber	1	96815	\$25 Month	NULL		136968	9/12/2017	1:33:06	43	329 Waik	9/12/2017	1:36:20	26	330 Waik	194	0:03:14	NORMAL	0
23695	SHIORI	MISAWA	Customer	3	96815	Free Spiri	NULL		136969	9/12/2017	1:43:11	31	320 Waik	9/12/2017	1:53:17	12	504 Diam	606	0:10:06	NORMAL	NULL
24331	Brian	Jung	Subscriber	5	91765	Free Spiri	NULL		136970	9/12/2017	1:45:50	13	500 Diam	9/12/2017	2:07:44	23	331 Waik	1314	0:21:54	NORMAL	NULL
2885	Teef	Johnson	Subscriber	1	96816	\$25 Month	NULL		136971	9/12/2017	1:52:59	42	301 Waik	9/12/2017	2:31:01	9	507 Diam	2282	0:38:02	NORMAL	0
3141	Jorge	Luna	Subscriber	5	96815	Free Spiri	NULL		136972	9/12/2017	1:58:54	16	318 Waik	9/12/2017	2:06:20	42	301 Waik	446	0:07:26	NORMAL	NULL
1327	AMANDA	MCCOME	Customer	3	96815	Free Spiri	NULL		136973	9/12/2017	2:00:14	16	318 Waik	9/12/2017	2:06:20	42	301 Waik	366	0:06:06	NORMAL	NULL
22978	Jessica	Conley	Subscriber	1	33713	\$25 Month	NULL		136974	9/12/2017	2:02:42	15	317 Waik	9/12/2017	2:17:23	15	317 Waik	881	0:14:41	NORMAL	0
106	Amber	House	Subscriber	2	96815	\$15 Month	NULL		136975	9/12/2017	2:10:24	18	314 Waik	9/12/2017	2:15:31	43	329 Waik	307	0:05:07	NORMAL	0
21684	Michelle	targonski	Subscriber	5	96826	Free Spiri	NULL		136976	9/12/2017	2:17:14	13	500 Diam	9/12/2017	2:25:05	8	508 Diam	471	0:07:51	NORMAL	NULL
15255	Anthony	Maier	Subscriber	5	96815	Free Spiri	NULL		136977	9/12/2017	2:28:08	26	330 Waik	9/12/2017	2:38:18	15	317 Waik	610	0:10:10	NORMAL	NULL
12522	SEAN	OH	Subscriber	1	96813	\$25 Month	NULL		136978	9/12/2017	2:35:19	75	232 Kaka	9/12/2017	2:45:55	82	221 Kaka	636	0:10:36	NORMAL	0
21141	Piyuga	San Juan	Subscriber	5	96815	Free Spiri	NULL		136979	9/12/2017	2:35:54	78	245 Kaka	9/12/2017	2:42:12	28	313 Waik	378	0:06:18	NORMAL	NULL
7939	ronald	kim	Subscriber	2	96815	\$15 Month	NULL		136980	9/12/2017	2:36:31	17	302 Waik	9/12/2017	2:39:57	21	316 Waik	206	0:03:26	NORMAL	0
18945	TAKANORI	ONDER	Customer	3	96814	Free Spiri	NULL		136981	9/12/2017	2:37:49	18	314 Waik	9/12/2017	2:52:14	49	235 Kaka	865	0:14:25	NORMAL	NULL
22916	MICHAEL	DAVIS	Customer	4	93004	Single Rik	NULL		136982	9/12/2017	2:53:46	15	317 Waik	9/12/2017	3:17:17	32	210 Kaka	1411	0:23:31	NORMAL	0
22916	MICHAEL	DAVIS	Customer	4	93004	Single Rik	NULL		136983	9/12/2017	2:55:48	15	317 Waik	9/12/2017	3:06:27	32	210 Kaka	639	0:10:39	NORMAL	0
10341	Aniana	Whalen	Subscriber	5	96815	Free Spiri	NULL		136984	9/12/2017	3:08:30	50	300 Waik	9/12/2017	3:11:56	17	302 Waik	206	0:03:26	NORMAL	NULL
5145	JOSLYN	CHING	Customer	3	96826	\$15 Month	NULL		136985	9/12/2017	3:39:39	41	458 McCu	9/12/2017	3:53:26	5	204 Kaka	827	0:13:47	NORMAL	0
12475	Richard	Waialeale	Subscriber	6	96814	Free Spiri	NULL		136986	9/12/2017	3:48:49	80	230 Kaka	9/12/2017	4:07:08	41	458 McCu	1099	0:18:19	NORMAL	NULL
4725	Fiose	Tanner	Subscriber	1	96826	Free Spiri	NULL		136987	9/12/2017	4:22:08	33	459 McCu	9/12/2017	4:46:09	41	458 McCu	1441	0:24:01	NORMAL	NULL
12826	Steven	Mecca	Subscriber	2	96814	\$25 Month	NULL		136988	9/12/2017	4:26:31	20	311 Waik	9/12/2017	4:32:03	31	320 Waik	332	0:05:32	NORMAL	0
163	Mahina																				



Chinook sample database tables

DATA TYPE = TEXT?

Data types are all "TEXT"?

```
CREATE TABLE city_parking(  
  "LOCATION" TEXT,  
  "Quantity" TEXT,  
  "METER NUMBERS" TEXT,  
  "RATE/HR" TEXT,  
  "TIMELIMIT" TEXT,  
  "TYPE" TEXT
```

1	LOCATION	Quantity
2	Aala Place	12
3	Aala St.	73
4	Alakea St.	4
5	Alapai St.	16
6	Aloha Drive	19
7	Auahi St.	45
8	Beachwalk	6
9	Bethel St.	19
10	Bishop St.	14
11	Fort St.	18
12	Hale Makai St.	6
13	Hobron Ln.	35
14	Kalaimoku St.	21
15	Kanekapolie St.	13
16	Kapahulu Ave. Ala Wai-Kalakaua	39
17	Kapahulu Ave. Winam-Harding	7
18	Keeaumoku St.	29
19	Kukui St. Aala-College Walk	20
20	Kukui St. Queen Emma St-River	52
21	Lewers SR.	8
22	Marin St.	3

← This data set should be labeled as an Integer not a text.

Creating a Database in SQLiteStudio

Created Headers from scratch then Imported the Data

Name and type

Column name: Data type: Size:

QUANTITY INTEGER

Constraints

- ☐ Primary Key
- ☐ Foreign Key
- ☐ Unique
- ☐ Check condition
- ☐ Not NULL
- ☐ Collate
- ☐ Default

Configure

Table name: PARKING_DATA			
	Name	Data type	Pr
1	LOCATION	TEXT	
2	QUANTITY	INTEGER	
3	METER_NUMBER	TEXT	
4	RATE_HOUR	REAL	
5	TIME_LIMIT	INTEGER	
6	TYPE	TEXT	

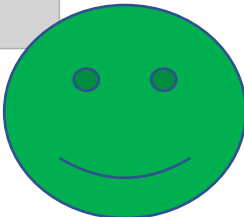
What? No Error?

```
1 SELECT SUM(quantity)
2 FROM parking_data;
3
```

Grid

SUM(quantity)

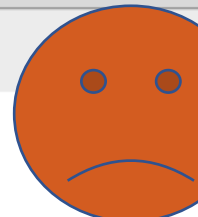
1	2880
---	------



```
1 SELECT SUM(Type)
2 FROM parking_data;
3
```

SUM(Type)

1	0
---	---



	Name	Data type
1	LOCATION	TEXT
2	QUANTITY	TEXT
3	METER_NUMBER	TEXT
4	RATE_HOUR	REAL
5	TIME_LIMIT	INTEGER
6	TYPE	TEXT

```
1 SELECT SUM(quantity)
2 FROM parking_data;
3
```

SUM(quantity)

1	2880
---	------

Continues to print as a number instead of giving an error

Changed Quantity to TEXT

Here is what I found!



Static/Rigid Typing



Dynamic Type System

Ran some Queries

SQL editor 1

justine_tori

Query History

```
1 select *
2 FROM PARKING_DATA
3 WHERE TIME_LIMIT = 2 AND RATE_HOUR = 0.75 AND QUANTITY > 30; -- SETTING MORE CONDITIONS
4
5
```

Grid view Form view

Total rows loaded: 15

	LOCATION	QUANTITY	METER_NUMBER	RATE_HOUR	TIME_LIMIT	TYPE
1	Aala St.	73	1101-1173	0.75	2	On-street
2	S. Beretania St.	100	2880-2883	0.75	2	On-street
3	S. King St. Pensacola-Kalakuau	78	2501-2578	0.75	2	On-street
4	Victoria St.	39		0.75	2	On-street
5	Cooke St. Pohukaina-S. King St.	84	3800-03883	0.75	2	On-street
6	Halekauwila St. Punchbowl-South	36	4313-4348	0.75	2	On-street
7	Kaheka St.	51	3128-3178	0.75	2	On-street
8	Kanunu St.	49	2701-2749	0.75	2	On-street
9	Kapahulu Ave. Date-Alawai	31	181-209	0.75	2	On-street
10	Kawaiahao St.	52	2201-2252	0.75	2	On-street
11	Kohou St.	67	301-537	0.75	2	On-street
12	Pohukaina St.	60	3900-3959	0.75	2	On-street
13	South St.	36	2142-2144, 2152-2180, 2183-2186	0.75	2	On-street
14	Waialae Ave.	67	May-70	0.75	2	On-street
15	Ward Ave. Queen-Ala Moana	37	2008-2044	0.75	2	On-street

We Errors

The End!