

## Final-Assignment-Python

**Step 1.** Add the Dataset provided to Workbench

**Step 2.** Query to get all the columns of the table between the years 2016-2019:

```
select * from finance_liquor_sales where date between '2016-01-01' and '2019-12-30 23:59:59';
```

**Step 3.** Export the data to an CSV file from MySql Workbench

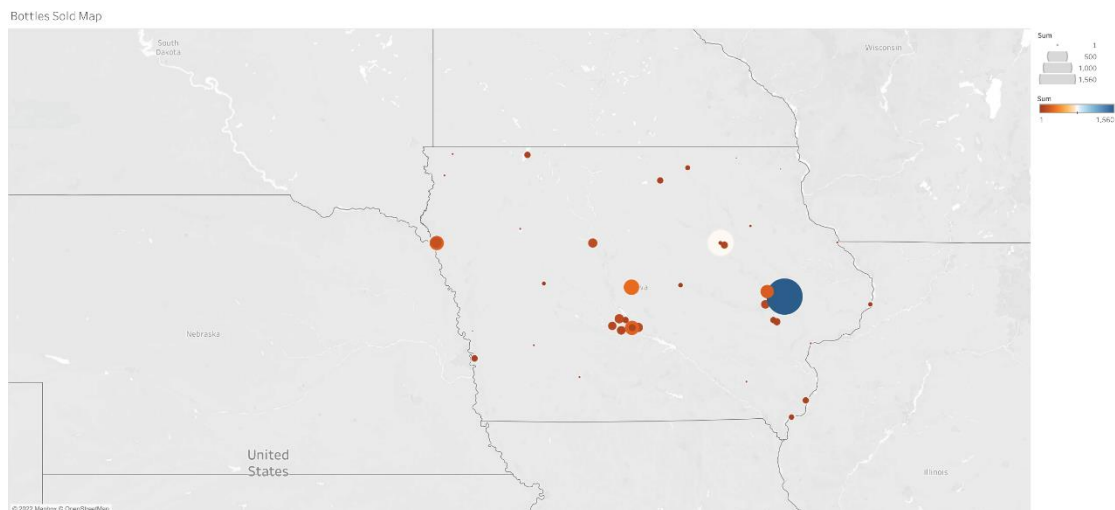
File name: Data\_finance\_liquor\_sales\_2016\_2019.csv

**Step 4.** Use Python and Pandas to Aggregate the CSV and export to csv the data, so we can get the most popular item sold based on zip code and percentage of sales per store.

Files name Pyhton: Finance\_liquor\_sales.py, Finance\_liquor\_sales\_2.py

Files name csv: Data\_most\_popular\_item\_sold\_based\_on\_zip\_code.csv,  
Data\_percentage\_of\_sales\_per\_store2.csv

**Step 5.** Tableau with the newly made CSV file and presentation of Data.

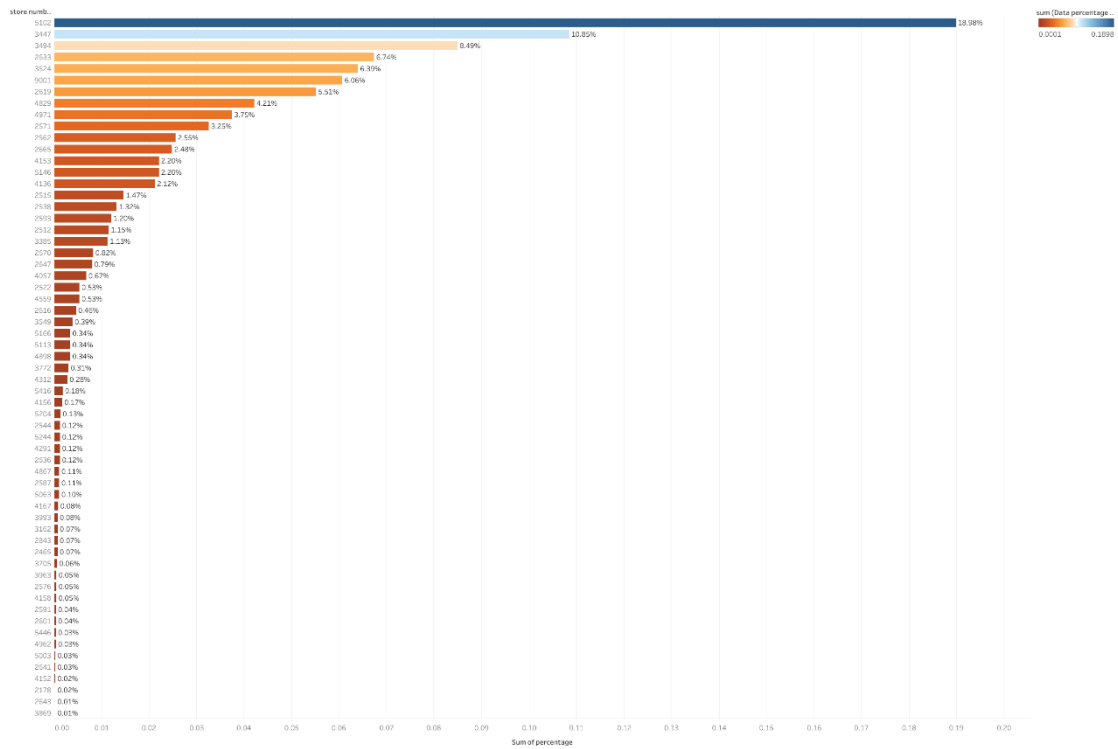


Bottles Sold Map

## #Sold Bottles per Zip Code

Zip Code	Item Description	Sum
50010	Member's Mark Spiced Ru..	288
50022	Paramount Triple Sec	4
50111	Saints N Sinners Apple Pie	108
50131	Platinum 7x Vodka	48
50158	Hennessy VS	24
	Kahlua Coffee	3
	Kamora Coffee Liqueur	6
50263	Jagermeister w/2 Shot Gl..	84
50265	Kahlua Coffee	72
50266	Avion Silver w/Powell & M..	90
50314	Hennessy Vs Cognac	60
	Juarez Triple Sec	240
	Paul Masson Peach Grand..	24
	Remy Martin VSOP	24
50316	Hennessy VS	48
50317	Paul Masson Peach Grand..	24
50320	Di Amore Quattro Orange	120
	Glen Oaks Whiskey Buy th..	66
	Tortilla Gold Dss	72
50327	Bacardi Gold Rum PET	102
50401	Ole Smoky Blackberry Mo..	48
	Ole Smoky Salty Caramel ..	18
50461	Five O'clock Vodka	30
50501	Titos Vodka	108
50588	Phillips Root Beer Schnap..	4
50662	Ole Smoky Apple Pie Moo..	8
50701	Bacardi Gold	7
	Dekuyper Triple Sec	2
50702	HA Elijah Craig Cask Barre..	18
	Tortilla Gold Dss	768
50703	Bacardi Gold	1
	Hennessy VS	24
	Pinnacle Peach w/ Punch ..	180
	Seagrams Extra Smooth	24
50707	Jameson	60
50801	Bacardi Gold Rum	5
51106	Juarez Triple Sec	144
	Kahlua Coffee Liqueur	240
	Kapali Coffee Liqueur	84
51246	Arrow Spearmint Schnapps	5
51247	Dekuyper Triple Sec	6
51360	Tortilla Gold Dss	48
51401	Bacardi Gold Mini	12
	Basil Hayden Dark Rye	18
	Paramount Sloe Gin	4
51501	99 Peppermint Mini	2
	Bacardi Gold Mini	4
	Juarez Triple Sec	48
	Kahlua Coffee	7
51555	Paramount Gold Rum	2
52001	Kamora Coffee Liqueur	4
52003	Bacardi Gold Rum Mini	5
52136	Five O'clock Vodka	2
52172	Kahlua Coffee	1
52240	Juarez Triple Sec	60
	Templeton Rye	18
52241	Bacardi Gold	1
	Maestro Agavero Gold	48
52314	Juarez Gold Dss	1,560
52338	Cedar Ridge Single Malt S..	90
52402	Montezuma Triple Sec	216
	Paramount Gold Rum	7
52411	Everclear Alcohol	36
52556	Juarez Triple Sec	6
52601	Five O'clock Vodka	48
	Hennessy VS	24
52627	Kapali Coffee Liqueur	36
52732	Paramount Gold Rum	24
52761	Dekuyper Peachtree	4
52803	Everclear Alcohol	3
52804	Martell VSSD	2

Sum of percentage sales per Store



Sum of percentage sales per Store

Sales percentage per Store

