

Aim: Create visualization using any downloaded dataset for density map for any geospatial dataset.

Problem Statement: Download data set from Kaggle/Tableau/data world. Create visualization using any downloaded dataset for density map for any geospatial dataset.

Theory/Writeup:

	Assignment 8
	0
	What is density plot
*	A density plot is a representation of the distribution of a
	numeric variable that uses a keenel density estimate to show
	the probability density function of the variable. It is smoothed
	ueesion of the histogram & is used in the same concept.
*	This chart is a varietion of histogram that uses keenel smoothing
^	to plot values, allowing for smoother distributions by smoothing
~	out noise.
*	
	concentrated over the Enterval.
0	Uses and applications of density plot
*	and the second second section of a
77	uariable in a dataset.
*	The peaks of a density plot help display where values are
	concentrated over the interval
*	An advantage of Density Plots over Histograms is that there
0	they are better at determining the distribution shape because
	they are not affected by the number of bins.
4	Steps to create viz
	Open tableau
2)	Add data in microsoft excel
3)	Add spatial file Her states. Stip of country as America &
	connect data
4)	go to worksheet Pouble click on geometry to see outline of
	Arrelica's map
5)	Add sales add rountry & state through dataset to marks & select
Sundaram	it to density. FOR EDUCATIONAL USE Soule the file
6)	soue the file

## Visualization Snapshot:



Abc	<b>(1)</b>	<b>(4)</b>	Abc	Abc	Abc		Abc	Abc	<b>(</b>	Abc	Α
Orders	Orders	Orders	Orders	Orders	Orders	Orders	Orders	Orders	Orders	Orders	Or
Category	City	Country	Customer ID	Customer Name	Market	Order Date	Order ID	Order Priority	Postal Code	Product ID	Pi
Technology	New York City	United States	RH-19495	Rick Hansen	US	7/31/2012	CA-2012-124891	Critical	10024	TEC-AC-10003033	PI
Furniture	Wollongong	Australia	JR-16210	Justin Ritter	APAC	2/5/2013	IN-2013-77878	Critical	Null	FUR-CH-10003950	N
Technology	Brisbane	Australia	CR-12730	Craig Reiter	APAC	10/17/2013	IN-2013-71249	Medium	Null	TEC-PH-10004664	N
Technology	Berlin	Germany	KM-16375	Katherine Murray	EU	1/28/2013	ES-2013-1579342	Medium	Null	TEC-PH-10004583	М
Technology	Dakar	Senegal	RH-9495	Rick Hansen	Africa	11/5/2013	SG-2013-4320	Critical	Null	TEC-SHA-10000501	S
Technology	Sydney	Australia	JM-15655	Jim Mitchum	APAC	6/28/2013	IN-2013-42360	Critical	Null	TEC-PH-10000030	Si
Furniture	Porirua	New Zealand	TS-21340	Toby Swindell	APAC	11/7/2011	IN-2011-81826	Critical	Null	FUR-CH-10004050	N
Furniture	Hamilton	New Zealand	MB-18085	Mick Brown	APAC	4/14/2012	IN-2012-86369	High	Null	FUR-TA-10002958	C
Office Supplies	Sacramento	United States	JW-15220	Jane Waco	US	10/14/2014	CA-2014-135909	Low	95823	OFF-BI-10003527	F€
Furniture	Concord	United States	JH-15985	Joseph Holt	US	1/28/2012	CA-2012-116638	Critical	28027	FUR-TA-10000198	С
Office Supplies	Alexandria	United States	GM-14695	Greg Maxwell	US	4/5/2011	CA-2011-102988	High	22304	OFF-SU-10002881	М
Furniture	Kabul	Afghanistan	AJ-10780	Anthony Jacobs	APAC	4/19/2012	ID-2012-28402	High	Null	FUR-TA-10001889	В
Technology	Jizan	Saudi Arabia	MM-7260	Magdelene Morse	EMEA	12/27/2011	SA-2011-1830	Critical	Null	TEC-CIS-10001717	С
Furniture	Toledo	Brazil	VF-21715	Vicky Freymann	LATAM	11/13/2012	MX-2012-130015	Critical	Null	FUR-CH-10002033	Н
Office Supplies	Mudanjiang	China	PF-19120	Peter Fuller	APAC	6/6/2013	IN-2013-73951	Critical	Null	OFF-AP-10003500	Ki
Office Supplies	Paris	France	BP-11185	Ben Peterman	EU	7/31/2014	ES-2014-50999	Critical	Null	OFF-AP-10000423	В
Technology	Henderson	United States	TB-21175	Thomas Boland	US	11/3/2014	CA-2014-143567	Critical	42420	TEC-AC-10004145	Lo
Office Supplies	Prato	Italy	PJ-18835	Patrick Jones	EU	9/8/2014	ES-2014-1651774	Low	Null	OFF-AP-10004512	Н
Technology	Townsville	Australia	JS-15685	Jim Sink	APAC	1/31/2014	IN-2014-11763	Critical	Null	TEC-CO-10000865	В

## Tableau Public Profile Link:

https://public.tableau.com/authoring/B 28 SiddheshKha irnar DV ASS8/Sheet7#2