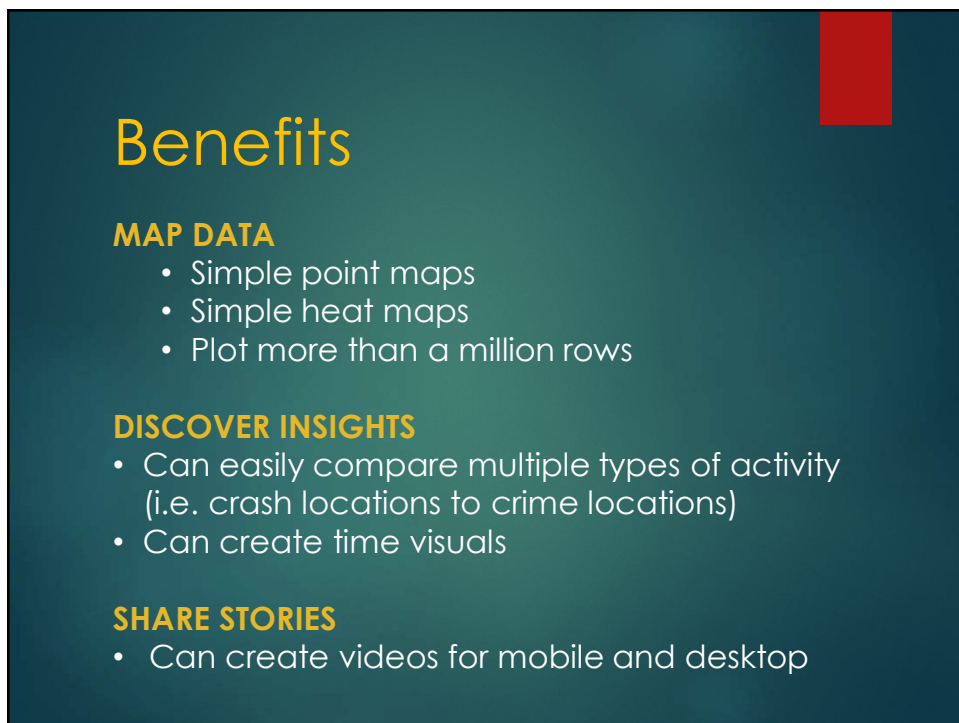


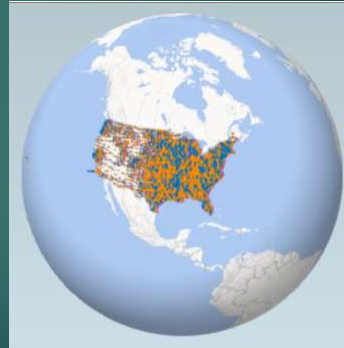
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2

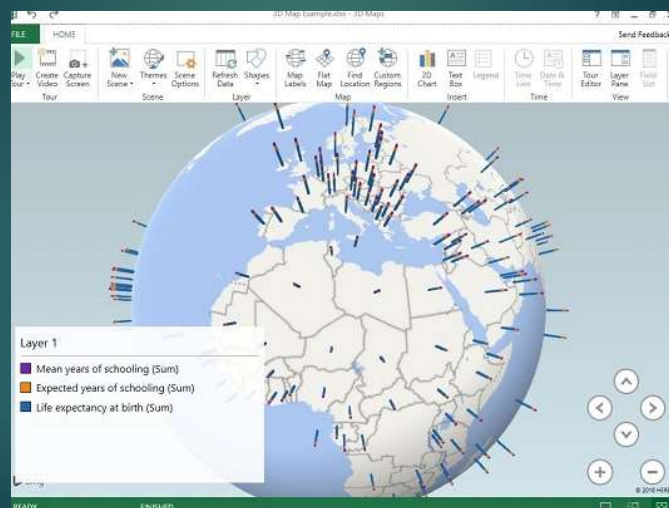
Excel 2016 has 3D Mapping

“Microsoft **3D** Maps for **Excel** is a three-dimensional (**3D**) data visualization tool that lets you look at information in new ways. **3D** Maps lets you discover insights you might not see in traditional two-dimensional (2D) tables and charts.”
Microsoft



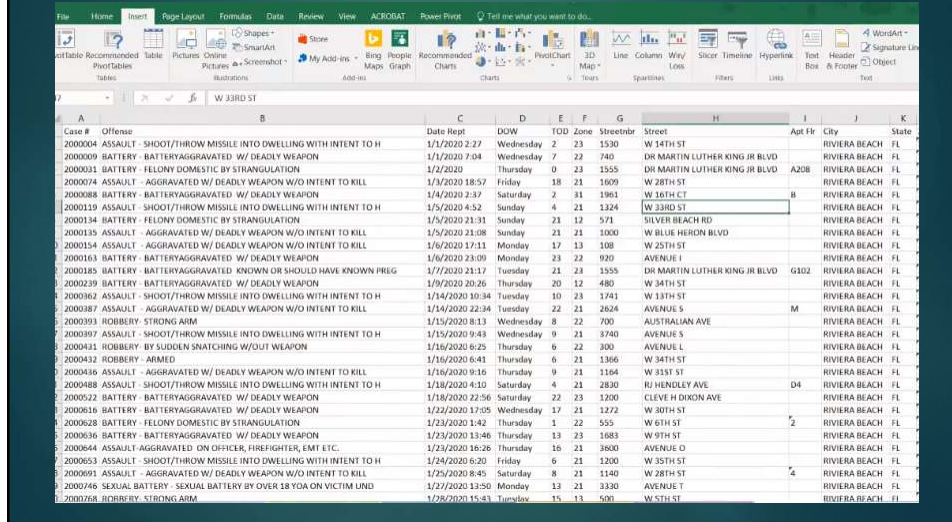
3

3D Maps



4

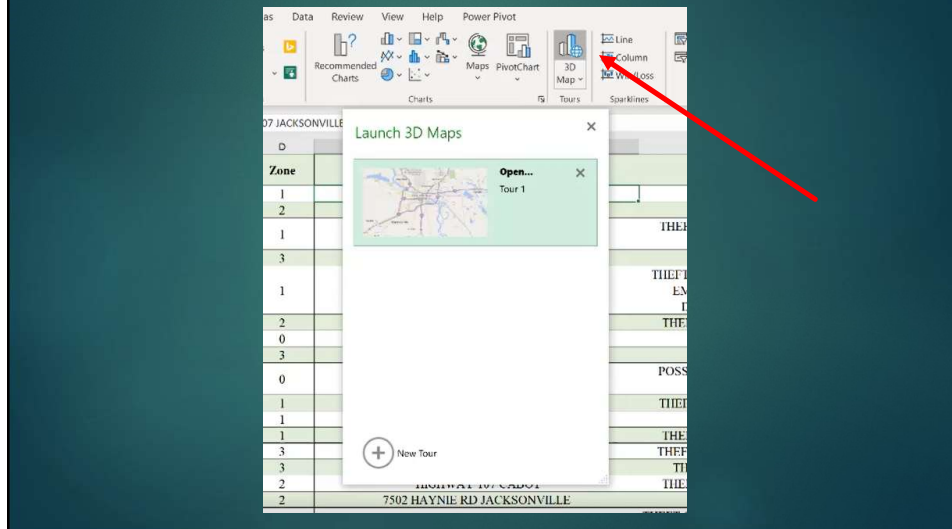
Data to Map



Case #	Offense	Date Recd	DOW	TOD	Zone	Street	City	State
2000004	ASSAULT - SHOOT/THROW MISSILE INTO DWELLING WITH INTENT TO H	1/1/2020 2:27	Wednesday	2	23	1530 W 34TH ST	RIVIERA BEACH	FL
2000009	BATTERY - BATTERYAGGRAVATED W/ DEADLY WEAPON	1/1/2020 7:04	Wednesday	7	22	740 DR MARTIN LUTHER KING JR BLVD	RIVIERA BEACH	FL
2000031	BATTERY - FELONY DOMESTIC BY STRANGULATION	1/2/2020	Thursday	0	23	1555 DR MARTIN LUTHER KING JR BLVD	RIVIERA BEACH	FL
2000074	ASSAULT - AGGRAVATED W/ DEADLY WEAPON W/O INTENT TO KILL	1/3/2020 18:57	Friday	18	21	1609 W 28TH ST	RIVIERA BEACH	FL
2000088	BATTERY - BATTERYAGGRAVATED W/ DEADLY WEAPON	1/4/2020 2:37	Saturday	2	31	1961 W 16TH CT	RIVIERA BEACH	FL
2000139	ASSAULT - SHOOT/THROW MISSILE INTO DWELLING WITH INTENT TO H	1/5/2020 4:52	Sunday	4	21	1224 W 33RD ST	RIVIERA BEACH	FL
2000134	BATTERY - FELONY DOMESTIC BY STRANGULATION	1/5/2020 21:31	Sunday	21	12	571 SILVER BEACH RD	RIVIERA BEACH	FL
2000135	ASSAULT - AGGRAVATED W/ DEADLY WEAPON W/O INTENT TO KILL	1/5/2020 21:08	Sunday	21	21	1000 W BLUE HERON BLVD	RIVIERA BEACH	FL
2000154	ASSAULT - AGGRAVATED W/ DEADLY WEAPON W/O INTENT TO KILL	1/6/2020 17:11	Monday	17	13	108 W 25TH ST	RIVIERA BEACH	FL
2000163	BATTERY - BATTERYAGGRAVATED W/ DEADLY WEAPON	1/6/2020 23:09	Monday	23	22	920 AVENUE J	RIVIERA BEACH	FL
2000185	BATTERY - BATTERYAGGRAVATED KNOWN OR SHOULD HAVE KNOWN PREG	1/7/2020 21:17	Tuesday	21	23	1555 DR MARTIN LUTHER KING JR BLVD	RIVIERA BEACH	FL
2000239	BATTERY - BATTERYAGGRAVATED W/ DEADLY WEAPON	1/8/2020 20:26	Thursday	20	12	480 W 34TH ST	RIVIERA BEACH	FL
2000362	ASSAULT - SHOOT/THROW MISSILE INTO DWELLING WITH INTENT TO H	1/14/2020 10:34	Tuesday	10	23	1741 W 13TH ST	RIVIERA BEACH	FL
2000387	ASSAULT - AGGRAVATED W/ DEADLY WEAPON W/O INTENT TO KILL	1/14/2020 22:34	Tuesday	22	21	2624 AVENUE S	RIVIERA BEACH	FL
2000393	ROBBERY - STRONG ARM	1/15/2020 8:13	Wednesday	8	22	700 AUSTRALIAN AVE	RIVIERA BEACH	FL
2000397	ASSAULT - SHOOT/THROW MISSILE INTO DWELLING WITH INTENT TO H	1/15/2020 9:43	Wednesday	9	21	1740 AVENUE S	RIVIERA BEACH	FL
2000431	ROBBERY - BY SUDEN SNATCHING W/OUT WEAPON	1/16/2020 6:25	Thursday	6	22	300 AVENUE L	RIVIERA BEACH	FL
2000432	ROBBERY - ARMED	1/16/2020 6:41	Thursday	6	21	1366 W 34TH ST	RIVIERA BEACH	FL
2000436	ASSAULT - AGGRAVATED W/ DEADLY WEAPON W/O INTENT TO KILL	1/16/2020 9:36	Thursday	9	21	1164 W 33ST ST	RIVIERA BEACH	FL
2000488	ASSAULT - SHOOT/THROW MISSILE INTO DWELLING WITH INTENT TO H	1/18/2020 5:10	Saturday	4	21	2830 R HENDLEY AVE	RIVIERA BEACH	FL
2000522	BATTERY - BATTERYAGGRAVATED W/ DEADLY WEAPON	1/18/2020 22:56	Saturday	22	23	1200 CLEVE H DIXON AVE	RIVIERA BEACH	FL
2000616	BATTERY - BATTERYAGGRAVATED W/ DEADLY WEAPON	1/22/2020 17:05	Wednesday	17	21	1272 W 30TH ST	RIVIERA BEACH	FL
2000628	BATTERY - FELONY DOMESTIC BY STRANGULATION	1/23/2020 1:42	Thursday	1	22	555 W 6TH ST	RIVIERA BEACH	FL
2000636	BATTERY - BATTERYAGGRAVATED W/ DEADLY WEAPON	1/23/2020 13:46	Thursday	13	23	1083 W 9TH ST	RIVIERA BEACH	FL
2000644	ASSAULT - AGGRAVATED ON OFFICER, FIREFIGHTER, EMT ETC.	1/23/2020 16:26	Thursday	16	21	3600 AVENUE D	RIVIERA BEACH	FL
2000653	ASSAULT - SHOOT/THROW MISSILE INTO DWELLING WITH INTENT TO H	1/24/2020 6:20	Friday	6	21	1200 W 35TH ST	RIVIERA BEACH	FL
2000691	ASSAULT - AGGRAVATED W/ DEADLY WEAPON W/O INTENT TO KILL	1/25/2020 8:45	Saturday	8	21	1140 W 28TH ST	RIVIERA BEACH	FL
2000746	SEXUAL BATTERY - SEXUAL BATTERY BY OVER 18 YOA ON VICTIM UNID	1/27/2020 13:50	Monday	13	21	3330 AVENUE T	RIVIERA BEACH	FL
2000768	ROBBERY - STRONG ARM	1/28/2020 15:43	Tuesday	15	13	500 W 5TH ST	RIVIERA BEACH	FL

5

Launching a Tour

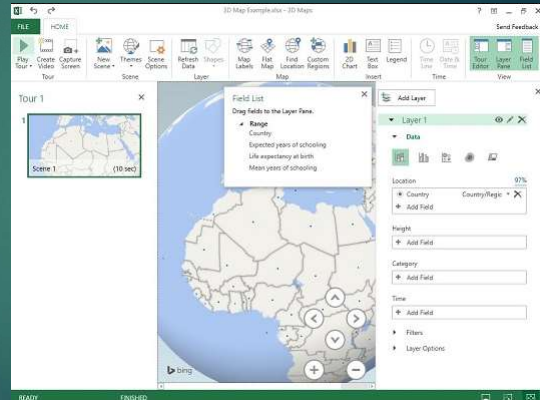


The screenshot shows the Excel interface with the 'Tours' section of the ribbon active. A red arrow points to the 'Launch 3D Maps' button. Below the ribbon, the 'Launch 3D Maps' dialog box is open, displaying a map of Jacksonville and a 'New Tour' button. The background shows a table with data for Jacksonville, including columns for Zone, Street, and City.

6

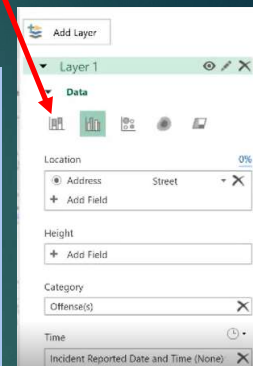
Plot Data on 3D Map

- Enter the data into a worksheet.
 - Select the data, including the column headers.
 - Click Insert | 3D Maps | Open 3D Maps.
- After a few seconds (be patient!), this page opens.



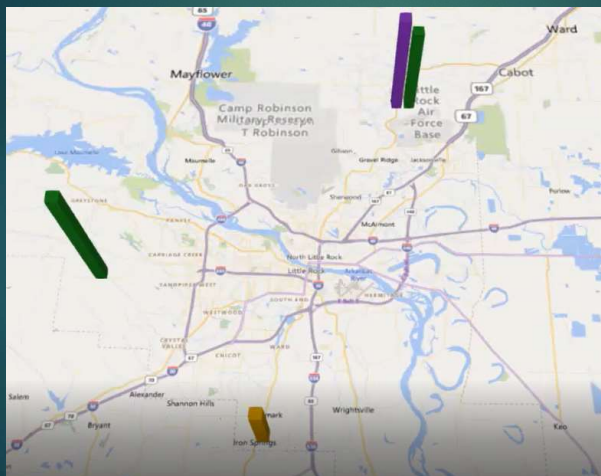
7

Pin Maps



8

Cluster Maps



Add Layer

Layer 1

Location

Address Street

Height

Category

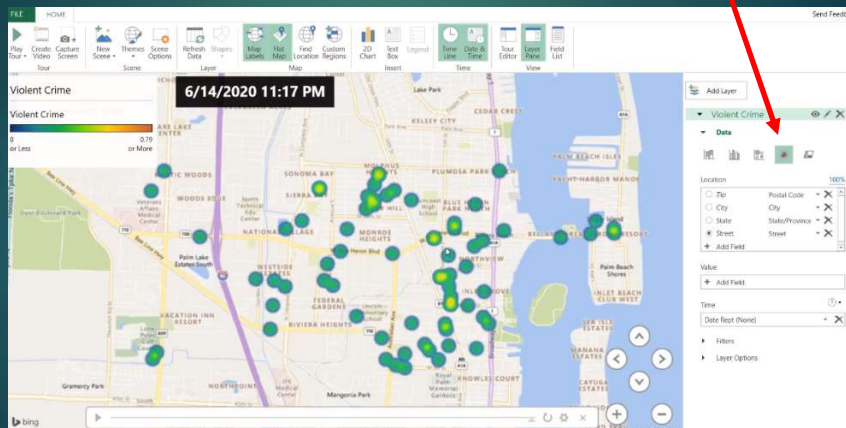
Offense(s)

Time

Incident Reported Date and Time (None)

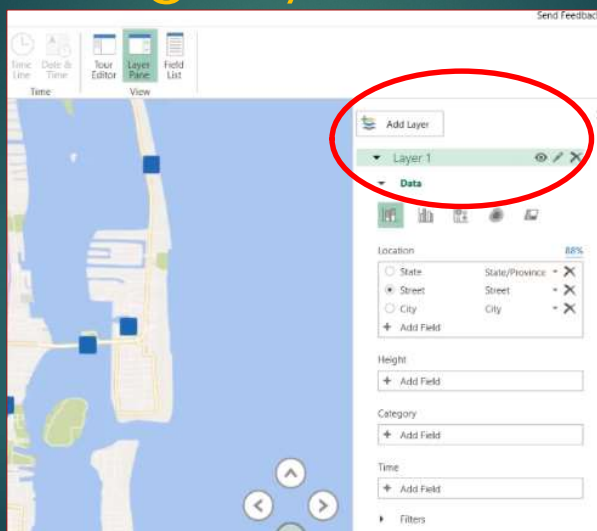
9

Heat Map



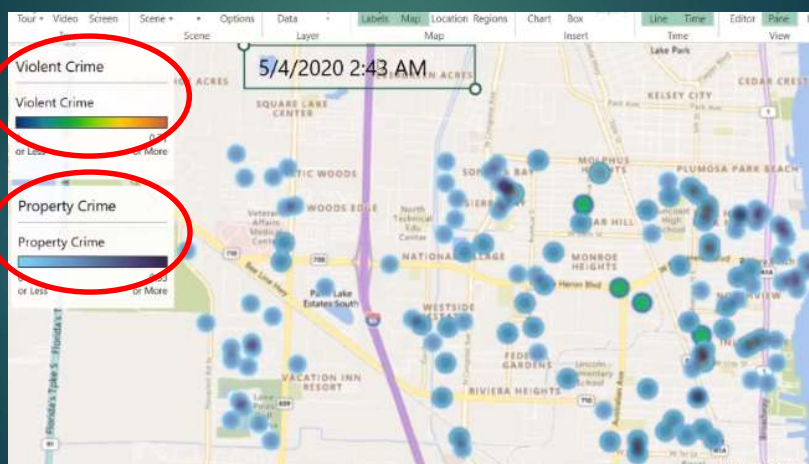
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Adding Layers



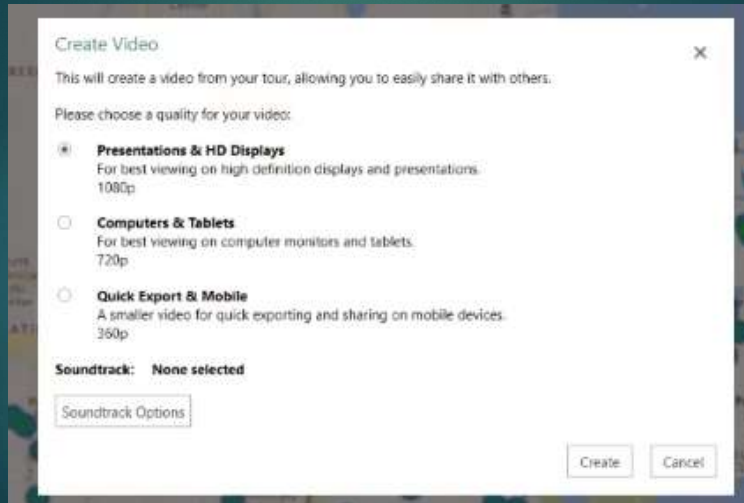
11

Multiple Layers in Map



12

Making a Video



13

Sharing Analysis

- Compstat
- Mobile
- Rolling video in Roll Call
- Email Excel Sheet to Agency

14

Limitations

- Difficult to analyze data within specific spots of heat map (can't export)
- Get's bogged down
- Layers are listed by sheet number not sheet name