Video 4: 3D Mapping in Excel

Benefits

MAP DATA
- Simple point maps
- Simple heat maps
- Plot more than a million rows

DISCOVER INSIGHTS
- Can easily compare multiple types of activity (i.e. crash locations to crime locations)
- Can create time visuals

SHARE STORIES
- Can create videos for mobile and desktop
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
Data to Map

Launching a Tour
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.

Pin Maps
Cluster Maps

Heat Map
Adding Layers

Multiple Layers in Map
Making a Video

This will create a video from your tour, allowing you to easily share it with others.

Please choose a quality for your video:

- **Presentations & HD Displays**
  - For best viewing on high definition displays and presentations.
  - 1080p

- **Computers & Tablets**
  - For best viewing on computer monitors and tablets.
  - 720p

- **Quick Export & Mobile**
  - A smaller video for quick exporting and sharing on mobile devices.
  - 350p

Soundtrack: None selected

Create  Cancel

Sharing Analysis

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

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