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## Agenda

- Map Charts
- 3D Map Charts
- Interactive Dashboard
- Power BI Desktop Dashboard

#### Review: Get & Transform Alias: Power Query Enables you to set up a query Query can get data And then reorganize it File Home Transform Add Column View Broperties Image Column <thColumn</th> <thColum</th> Colum</ Recent Sources Combine Manage Data source Parameters settings Sort Query Parameters Data Sources Close New Quer Date T A<sup>B</sup><sub>C</sub> Item T A<sup>B</sup><sub>C</sub> Salesperson T 1.2 Amount T Ames Allen Query Settings 1/3/2018 Apples 34.6 A PROPERTIES 1/6/2018 Bananas 78.75 1/9/2018 Corn Alvarez 63.49 Name Ames 1/12/2018 Dill 32.32 Sheet1 1/15/2018 Apples Allen 85.37 All Properties 1/18/2018 Bananas Alvarez 48.99

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# Map Charts

- Feature available in certain Excel versions
- Shows images of states



# 3D Maps Chart

- Shows geographical data in 3D
- Also animated
- Examples: Sales for Each City



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 Lets executives focus on key variables



## 3D Map: Population in SE CT Towns



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## Create an Interactive Dashboard

### General Procedure:

- 1. Create a Pivot Table
- 2. Create Slicers based on the table
- 3. Make copies of the Pivot Table
- 4. Adjust each copy to show different insight
- 5. Create Pivot Charts from each table

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# Power View Dashboard

- Had some amazing features, *but*...
- Power View has been removed by Microsoft
- Replaced by Power BI Desktop

# Power BI Desktop

- Dashboard tool from Microsoft
  Free to try
- How to download:
  - Go to the following website:
    <u>https://powerbi.microsoft.com/en-us/desktop/</u>
  - Click: Advanced Download Options
  - Click: Download
  - Choose: PBIDesktop.msi
  - Click: Next
  - If needed, enter your name and email address
  - The program should then download

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## Power PI Desktop Demo



## The Power BI Desktop Dashboard

 To filter the charts, just click any chart element (e.g., pie slice)



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