

Rich Malloy, Tech Help Today

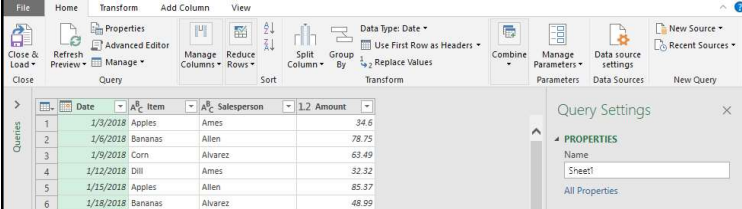
Advanced Microsoft Excel  
Session 6:

# DASHBOARDS & POWER BI

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## Review: Get & Transform

- Alias: **Power Query**
- Enables you to set up a query
- Query can get data
- And then reorganize it



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## Agenda

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

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## Map Charts

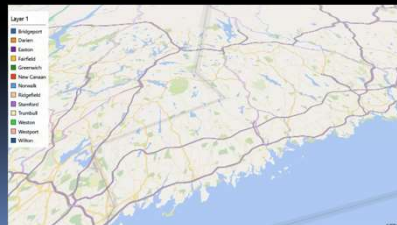
- Feature available in certain Excel versions
- Shows images of states



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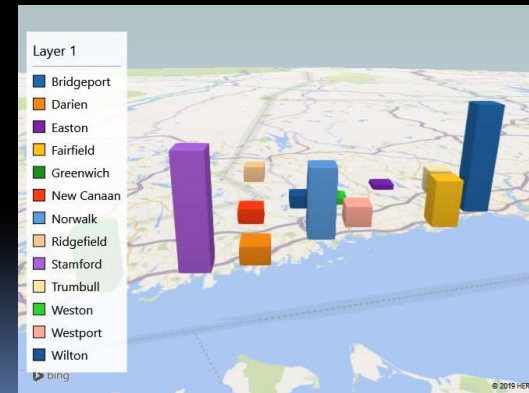
## 3D Maps Chart

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



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## 3D Map: Population in SE CT Towns



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## Interactive Dashboard

- Lets executives focus on key variables



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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

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## Power BI Desktop

- Dashboard tool from Microsoft
  - Free to try
- How to download:
  - Go to the following website:
    - <https://powerbi.microsoft.com/en-us/desktop/>
  - 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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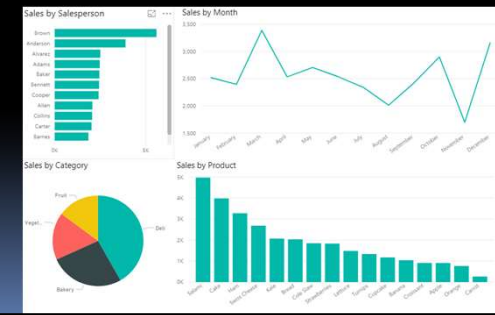
## Power BI Desktop Demo



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## The Power BI Desktop Dashboard

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



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