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Business Intelligence for the rest of us.

About the presenter


Brian Purdes

Director of Application Development with NWN Corporation with over twenty years of experience, managing, developing, designing, and executing technology solutions for clients in both the public and private sector. My primary goal is first understanding a client's business problem and then applying the right solution or technology to address those problems.



About NWN

- ▶ NWN helps customers solve business problems through technology
 - ▶ IT solutions company
 - ▶ Best-of-breed solutions and products
 - ▶ Fast-growing
 - ▶ Privately-held
 - ▶ Woman-owned



What is BI?

Business intelligence (BI) is the set of techniques and tools for the transformation of raw data into meaningful and useful information for business analysis purposes. - http://en.wikipedia.org/wiki/Business_intelligence

Business intelligence (BI) is having the right information so that you can make intelligent timely decisions for your business or organization. - My Definition

N/A

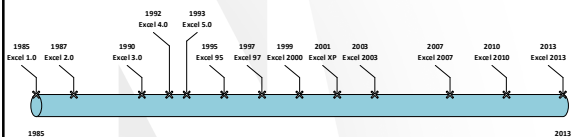
Tools of the trade

Pentaho
TIBCO
IBM Cognos Business Intelligence
Tableau
SAP - Business Objects
SAS
Qlik
Oracle OBIE
MITS
WebFOCUS
InsightSquared
Microsoft Performance Point
Microsoft Access
Microsoft Excel

MicroStrategy
Information Builder
Yellowfin BI
JasperSoft
BIME
Intelex
Adaptive Suite
Looker
Artus
Epicor
Many, Many, More....

N/A

Excel - How did we get here?



http://en.wikipedia.org/wiki/Microsoft_Excel

N/A

Excel 2013: This is not your fathers Excel

Diagram illustrating the new features in Excel 2013:

- Publish to SharePoint/Office 365
- Share
- Access
- Clean
- PowerPivot
- Flash Fill
- Data Model
- Visualize
- Explore
- Mash-up
- Power BI
- Quick Analysis
- Quick Explore

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What New?

Gaining insights quickly is closer than you think

New BI features in Excel:

- Clean and modify data
- Combine large volumes of data from various sources
- Conduct data analysis quickly
- Instantly preview charts and pivot tables with your data
- Rapidly create compelling visual applications
- Quickly present and share reports

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PowerPivot in Excel

Access and mashup data from virtually any source to create powerful reports

PowerPivot in Excel features:

- Mashup large volumes of data from various sources
- Perform data analysis with extreme performance
- Rapidly create compelling analytical applications

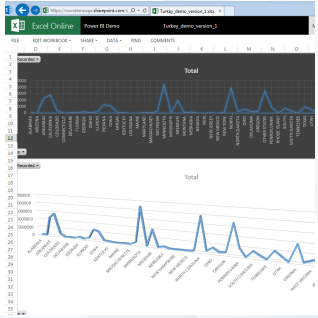
Microsoft Excel. Now part of Excel!

Screenshot of the PowerPivot Data Model view in Excel.

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PowerPivot in SharePoint

Share your data with others within the organization



- Share your findings securely online.
- Integration with Excel Services to create dashboards
- Browse other findings through the PowerPivot Gallery
- Refresh data from the source to keep information up to date

Power View in Excel

Visually discover and share insights across all levels of the organization



Perform rapid visual data exploration

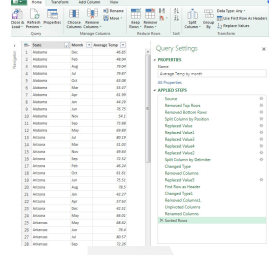
Easily create interactive visualizations

Effortlessly present and share reports

Microsoft Excel.
Now part of Excel

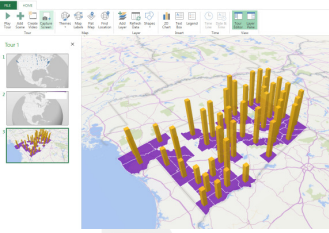
Power Query

Combine your data with other sources



- Connect data from a variety of sources.
- Combine and share the data to match your needs
- Cleans data before conducting your analysis
- Included data from online sources such as Microsoft Azure Marketplace, Data.gov.
- Include data stored within web pages.
- Share and manage queries as well as search data within your organization.
- Much more...

Power Map




- Show dynamic maps
- Visual geographic data over time
- Share your insights with others

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Power BI for Office 365

Share and search across your data online



- Share reports through Power BI Sites
- User natural language queries to find information using Power BI Q&A
- Share data sources throughout the organization
- View reports using the Power BI app

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Demo Time (Todd the turkey)

- Well educated
- Extensive travel experience
- Very hard to please
- Recently escaped from a turkey farm
- Is looking for a new home

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