Summary



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Agenda



What is Power Query?

The Personal BI Stack and Power BI

Key Power Query Functions

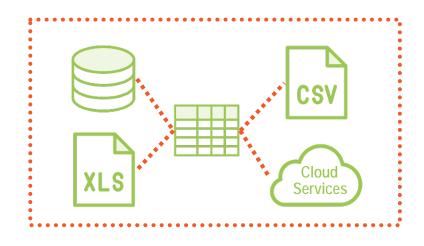
- Retrieve
- Cleanse
- Combine
- Share

Example BI reports with Power Query

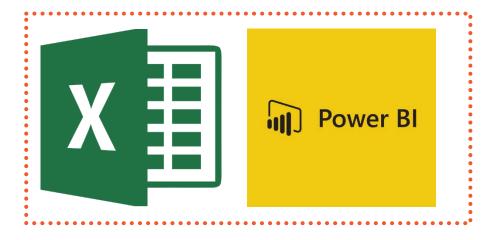
References



What Exactly Is Power Query?







Power Query is available in Excel and Power BI



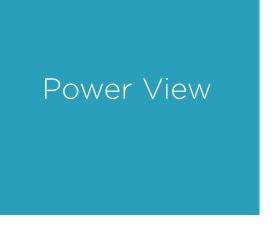
Excel Business Intelligence Tools

Power Query

Discover the data

Power Pivot

Model the data



Power Query & Excel



Download add-in



Download add-in

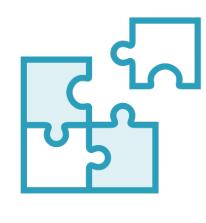


Built in feature Get & Transform









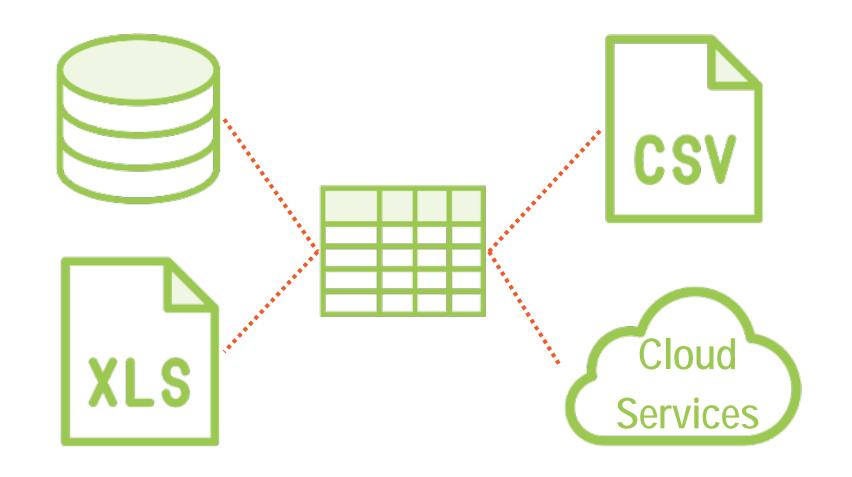


Combine

Share



Data Retrieval







Data retrieval



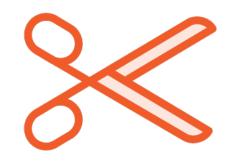




Combine

Share

Cleansing and Shaping the Data



Step 1 - Delete columns



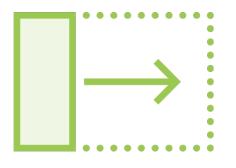
Step 4 - Group



Step 2 - Filter rows



Step 5 - Sort



Step 3 - Split columns



Step 6 - Custom calculation





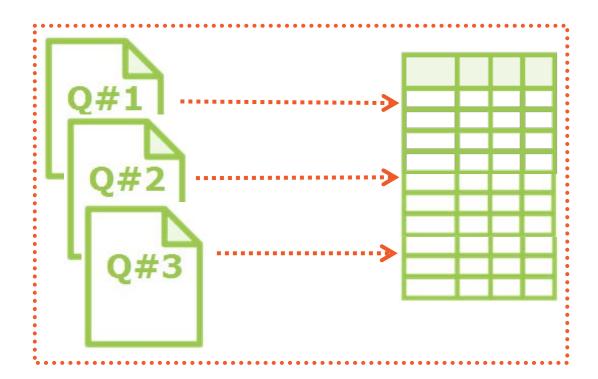
Data retrieval







Combining Queries







Merge Queries

Data is combined using a matched column

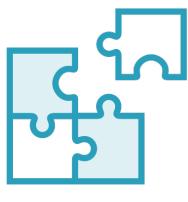








Cleanse



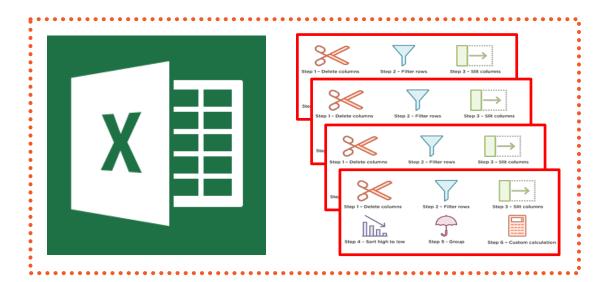
Combine

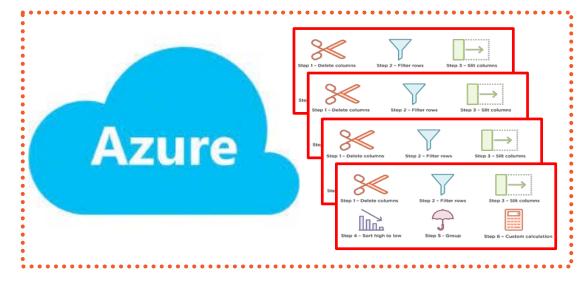


Share



Sharing Queries





Excel

Queries are stored in the Excel file.

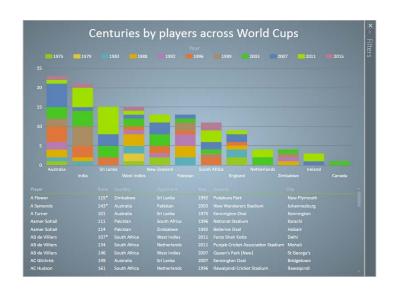
Share the Excel file to share the queries.

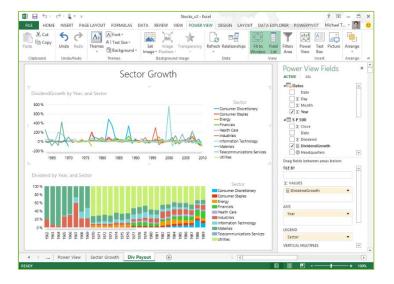
Data Catalog

Save the query to the Data Catalog. Easier to discover, consume and manage the queries across an organisation.



Finished "Examples"

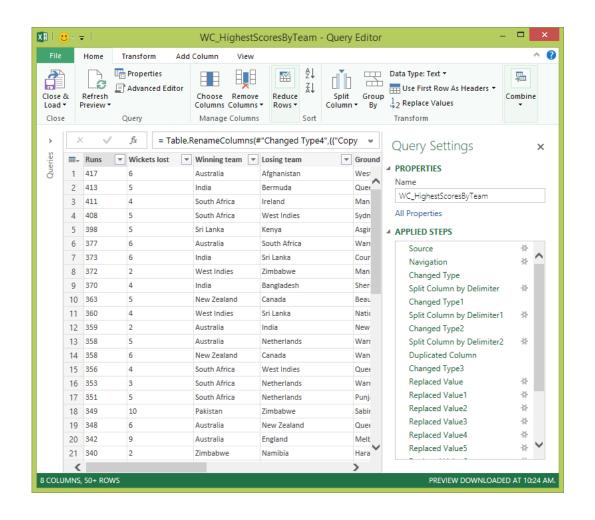


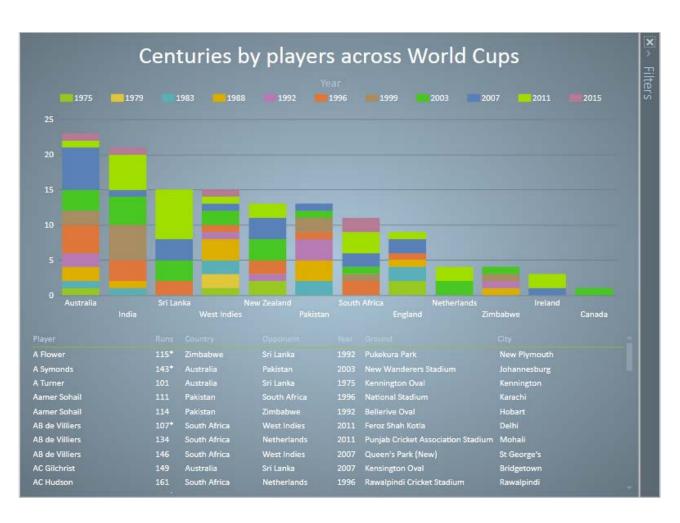






Power View - Enabled by Power Query

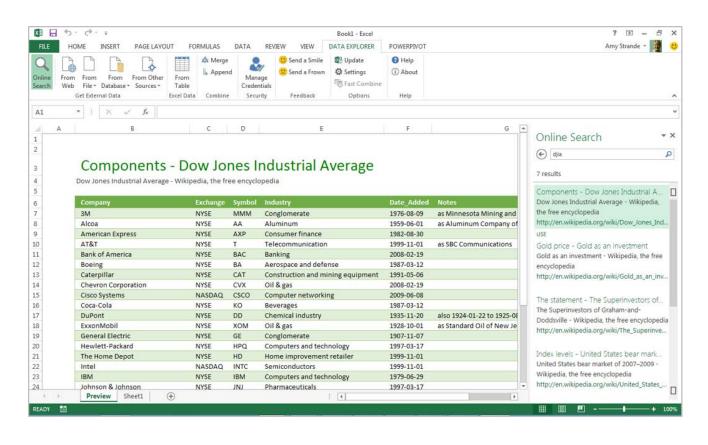


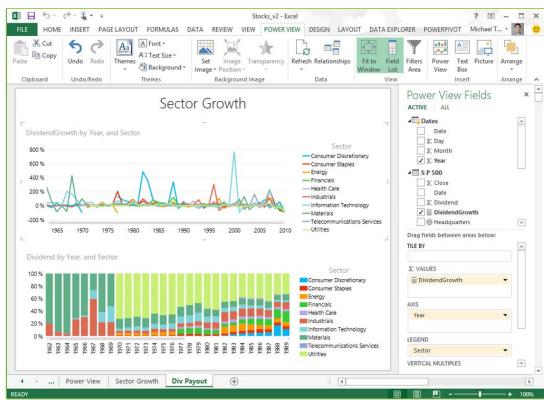


https://blogs.office.com/2015/04/03/cricket-world-cup-fever-analyzing-the-data-with-power-query/



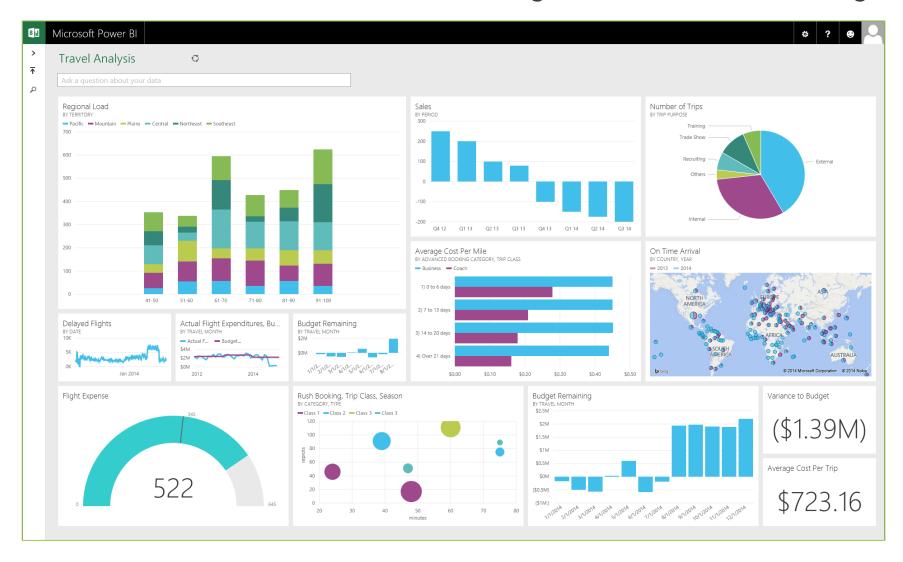
Power View - Enabled by Power Query







Power BI - Enabled by Power Query





Microsoft References

Power BI blog

 https://powerbi.microsoft.com/enus/blog/tag/power-query/

Technet Power Query Forum

- https://social.technet.microsoft.com/Forums/en-US/home?forum=powerquery

Excel Answers

 https://answers.microsoft.com/enus/msoffice/forum/msoffice_excel



Summary



What is Power Query?

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Key Power Query Tenants

- Retrieve
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- Combine
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Examples & References

