

# Unleashing the Potential: A Comprehensive Overview of Power BI Benefits

Thursday 07 December 11:00am

quanta | Training



Power BI

Presented by: Matt Woodman



# Webinar Contents



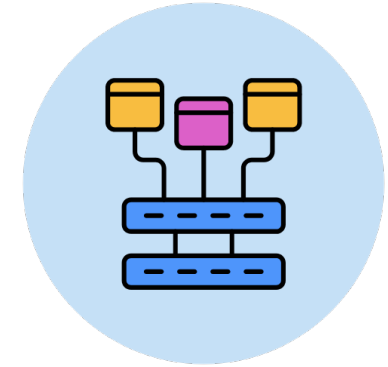
Introduction and  
Overview



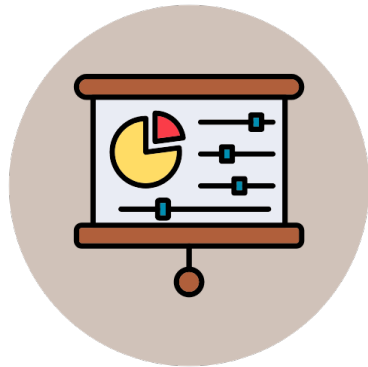
Demonstration with  
completed report



Simplified sharing of  
reports



Data sources / Data  
mashups (Summary  
with examples)



Visualising data  
Example visualisations  
Filtering







Power BI Licensing



Q and A for  
personalised Insights

# The Data Analysis Journey

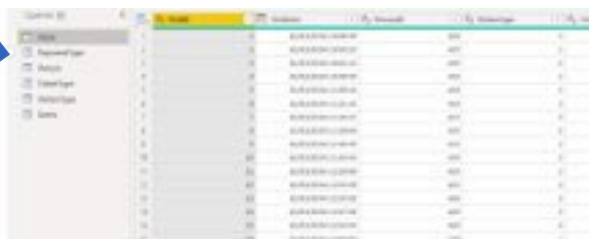
## Data

-  Excel
-  Text/CSV
-  SQL Server database
-  SharePoint Online List

**Extract**  
Connect to data

**Transform**  
Rename fields and tables  
Change data types  
Manipulate values

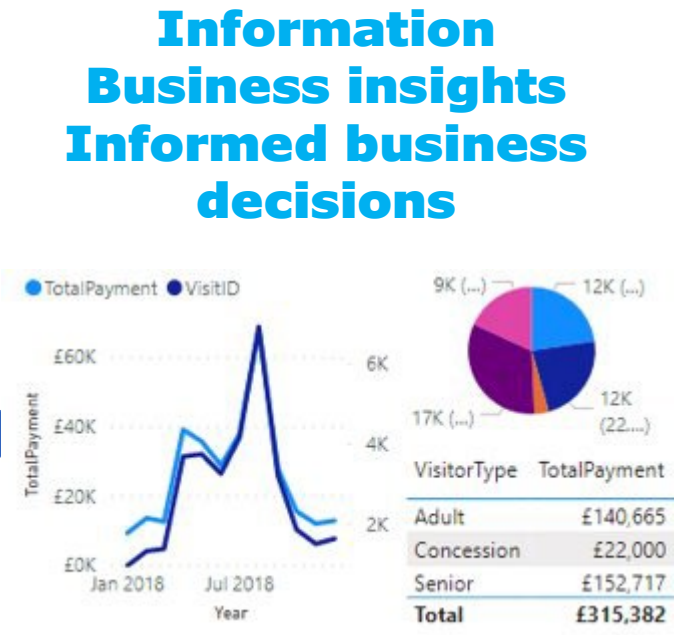
**Load**  
Save shaped data into report



Name	Address	Age
John Smith	123 Main St	35
Jane Doe	456 Oak St	28
Bob Johnson	789 Pine St	42
Alice Brown	101 Elm St	30
Charlie Wilson	202 Maple St	45
Diana Prince	303 Birch St	25
Edward Clarke	404 Cedar St	38
Fiona Green	505 Birch St	32
George King	606 Birch St	40
Helen Lee	707 Birch St	27
Ian Miller	808 Birch St	33
Julia White	909 Birch St	31
Kyle Black	1010 Birch St	36
Laura Gray	1111 Birch St	29
Mark Red	1212 Birch St	41
Nancy Blue	1313 Birch St	26
Oscar Yellow	1414 Birch St	34
Peter Purple	1515 Birch St	37
Quinn Pink	1616 Birch St	24
Rachel Green	1717 Birch St	39
Sam Brown	1818 Birch St	32
Tina White	1919 Birch St	28
Uma Black	2020 Birch St	43
Victor Gray	2121 Birch St	30
Wendy Blue	2222 Birch St	35
Xavier Yellow	2323 Birch St	27
Yvonne Purple	2424 Birch St	40
Zoe Pink	2525 Birch St	25




**Visualize data**  
Charts, tables, cards  
Filtering and drill  
Bookmarks and navigation



**Modeling data**  
Create relationships  
Calculated columns  
Aggregations  
Measures  
Hierarchies

# Power BI Components

 Power BI **Desktop**



Used by data analysts and report creators to extract, model and visualise data.



## Power BI Components

 Power BI **Service**



For information workers to view reports and dashboards.



# Power BI Components



## Power BI **Mobile Apps**



To access data visualisation on the go from mobile devices.



## Power BI Components




### Power BI **Report Server**

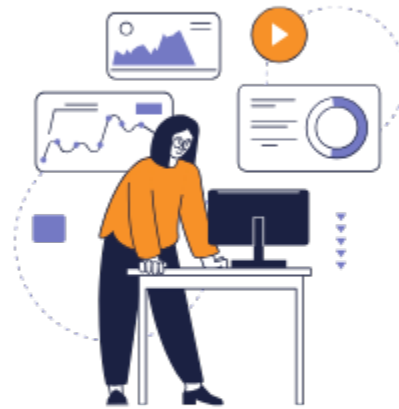


A basic version of the Power BI Service run on-premise to view reports and dashboards behind the corporate firewall.



# Power BI Components

 Power BI **API's**



Developers can create custom applications and visualisations.





# Power BI Components

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Used by data analysts and report creators to extract, model and visualise data.

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For information workers to view reports and dashboards.

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## Power BI **Report Server**



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Developers can create custom applications and visualisations.

## Power BI Roles

### Data Analysts



- Collect data sources, transform data to meet the needs of the report creator.
- Use calculations and functions of varying complexity to build report model.



### Report Creators



- Refine the report model with calculations and measures to support business insights.
- Build engaging and informative reports to provide report consumers with a clear journey to the information they need.



### Report Consumers



- Information workers and managers who use the completed reports.
- The key role whose requirements are vital to successfully using the benefits of Power BI.



## Power BI Roles

### Power BI Administrator



- Responsible for the governance of the Power BI Platform



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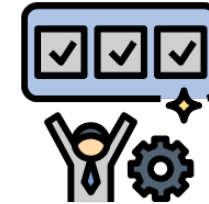
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# Power BI Licensing

## Standard- per user licensing

- Free, Pro, and Premium Per User
- Licenses required for report creators and report users



## Premium – Capacity Licensing

- Purchase reserved compute resource
- Enterprise features and very large data models
- No additional licenses required for report users
- Report creators require a Pro license



## Questions and Answers





## Further Information





Creating Reports and Dashboards in Microsoft Power BI

[PBI3RAD](#)  
3 Day | Classroom

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[Read More](#)





Fundamentals of Data Analytics using Power BI

[PBI3DAP](#)  
3 Day | Classroom

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[Read More](#)



Power BI Desktop

[Q3ClatTech223](#)  
3 Day | Classroom

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[Read More](#)



PowerBI – Data Analytics and Report Building

[PBI5DARB](#)  
5 Day | Classroom

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[Read More](#)

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