

DATA ANALYTICS COURSE

This course is geared for students to get the data analytics skills needed to make a career change into a Data Analyst role. You will be learning **Microsoft Excel, SQL Server and Power BI**. The duration of the course depends on whether you are taking it full-time or part- time.

Full time students will complete in three weeks and classes are on Mondays – Fridays. Part time students will complete the course in 15 weeks with classes once a week on Saturdays. All our courses are tutor-led and by zoom.

Requirement

No experience needed

Main Objectives

- Acquire, analyse and visualise data sets in real time.
- Master industry-standard tools like **SQL Server, Excel and Power BI.**
- Turn data into stories that can influence and inform important decisions.
- Produce aggregate reports using formula-based techniques
- Collect and transform data from multiple sources
- Generate flexible data aggregations using pivot tables
- Exemplify data visually using visuals

Audience

If you are passionate about making a new career in IT or enhancing your knowledge, then this is the course for you.

Contact

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Duration

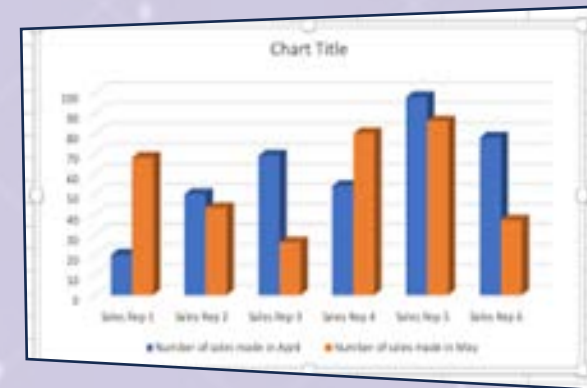
Full-Time – 3 weeks (Mondays – Fridays)

Part-Time – 15 weeks (Saturdays)



Excel is a spreadsheet program from Microsoft and a component of its Office product group for business applications. Microsoft Excel enables users to format, organize and calculate data in a spreadsheet.

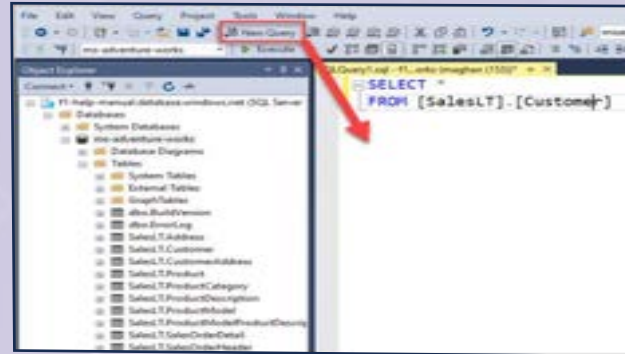
- **Functions**
- **Cell References**
- **Named Ranges & Tables**
- **Sorting & Filtering**
- **Conditional Formatting**
- **Pivot Table**
- **Data Analysis Toolpax**
- **Get Data From Data Sources**
- **Power Query**
- **Power Pivot**
- **Charting**



	A	B	C	D	E	F
1	First Name	Last Name	House	House Points		
2	Harry	Potter	Gryffindor	30		
3	Hermione	Granger	Gryffindor	60		
4	Ron	Weasley	Gryffindor	15		
5	Draco	Malfoy	Slytherin	20		
6	Cho	Chang	Ravenclaw	30		
7						
8				=SUMIF(C2:C6, "Gryffindor", D2:D6)		
9						
10						
11						
12						
13						

SQL Server is a relational database management system(RDBMS), developed and marketed by Microsoft.

- **Overview**
- **Databases**
- **Tables**
- **Views**
- **Queries**
- **Joins**
- **Built-in Functions**
- **Insert, Delete & Update**
- **Nulls**
- **Temporary Tables**
- **CTE**



Power BI is an increasingly popular business intelligence and visualisation tool from Microsoft that enables data analytics and data visualisation.

- **Power BI Desktop**
- **Get Data**
- **Transform Data**
- **Data Analysis Expressions**
- **Build the Model**
- **Charts & Reports**
- **Power BI Service**
- **Workspaces**
- **Dashboards**
- **Apps**
- **Collaborate & Share**
- **Power BI Mobile**

