

# IT: Data Analytics

**OCR Level 3 Alternative Academic Qualification in IT: Data Analytics (Extended Certificate).**

Equivalent to one A Level in size, it is suitable for students looking to develop their applied knowledge and skills in Data Analytics as part of a study programme alongside A Levels. This course will take two years to complete.

## Subject content

You will study three mandatory units:

- Fundamentals of Data Analytics
- Big Data with Machine Learning
- Spreadsheet Data Modelling.

These units develop the fundamental knowledge required for a career working in data-related occupations as well as the skills and knowledge needed to developing spreadsheet modelling solutions that meet client needs. You will study two of the following optional units:

- Relational Database Design
- Data and the Internet of Everything
- Data Visualisation
- Data and Digital Marketing.

Each of these units will help to further develop the skills and knowledge of data analytics by applying them to real-world situations and develop solutions to meet clients' requirements.

## Specific Entry Requirements

Average GCSE point score of 5 or above including GCSE Grade 5 in English Language and GCSE Grade 5 in Mathematics.

## Equipment

You will need access to a computer to complete work outside of lessons.

## Learning Methods

You will learn through a variety of methods including lectures, group activities, independent research and discussion.

## Assessments

A combination of two externally assessed exam units and three internally assessed coursework units.

## Progression Opportunities

The combination of subject-specific knowledge, understanding and skills, and broader transferable skills developed through this course, will help you progress to further study in related areas such as:

- Business Analytics
- Information Technology
- Digital Marketing

**Last updated:** 15th October 2024

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