

## Data science course overview



**Recommended age range:**

Ages 14-16



**Time required:**

2-6 hours depending on the options selected



**Subject fit:**

Maths, Science, Computing

**Full curriculum links** for all UK curricula are provided in the PowerPoint presentation.



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*This course offers a fresh approach to data science. It fits well into the curriculum and promotes cross curricular skills. The flexible options offer additional support for students as well as creating a greater sense of independence.*

**Secondary Maths teacher**

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This course will help you meet **Ofsted** requirements by preparing and inspiring students to pursue data-driven careers. This course has been specifically designed to empower students with the understanding and knowledge to make informed decisions about their future career direction and to drive the interest of students towards data science careers

## About this course

Data Science Foundation is a “bootcamp” offering designed to empower students with knowledge about the fundamentals of data science, its currency in the job market, and its applicability to everyday life.

This course has been designed in partnership with teachers and subject experts to inspire students to pursue data-driven careers to fulfil a large talent pipeline gap and ensure success in an increasingly tech-driven future.

Visit [everfiteachers.co.uk/get-started](https://everfiteachers.co.uk/get-started) to find out how to access this free course.

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# Flexible delivery options



## Total time required

Six 60 minute sessions

## Modules

### Module 1

**What is Data Science?** - Students explore real-world problems a data scientist might need to solve and the methods they use.

### Module 2

**Collecting, Cleaning and Validating Data** - Students learn how data scientists ensure that their data is accurate and reliable.

### Module 3

**Analysing and Visualising Data** - Students use various displays and analytics tools to understand data sets.

### Module 4

**Reporting and Acting on Data** - Students learn how data scientists summarise data for different audiences to inform business decisions.

## Get started today!

Students learn how data scientists summarise data for different audiences to inform business decisions.

## Always Free

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