



Awarding
Great British
Qualifications

Level 5 Extended Diploma in Computing (with Data Science)

Level 5
(L5EDCDS)
Regulated
Qualifications
Framework (RQF)



Overview

NCC Education Level 5 Extended Diploma in Computing (with Data Science) (L5EDCDS) builds upon the knowledge gained during the Level 4 Diploma in Computing (L4DC).

This qualification is designed to develop the specialist skills necessary to manage big data and extract valuable insights. If you enjoy statistics or working with data and information, the Level 5 Extended Diploma Data Science could be an excellent career path for you.

Students will study 8 units including the following: Artificial Intelligence, Data Analysis and Visualisation with Python, Introduction to Data Science and Big Data, Agile Development.

The Level 5 Extended Diploma in Computing with Data Science is also an officially recognised **Higher Technical Qualification (HTQ) in England**, further demonstrating that it meets industry standards and develops the advanced skills required for effective performance in a data science career.

Entry Requirements

For entry onto the NCC Education L5EDCDS course, students must have at least one of the following:

- NCC Education Level 4 Diploma in Computing (L4DC)
- OR
- A local or international qualification, which is deemed to be of a similar level to the NCC Education Level 4 Diploma in Computing (L4DC)

This must be agreed with NCC Education in advance.

If a potential student's first language is not English, they must also reach the English Language requirements of either:

- International English Language Testing System (IELTS) minimum score of 5.5 or above

Alternatively, take the free NCC Education Higher English Placement Test, which is administered by our Accredited Partner Centres.

Delivery Method

Face-to-face classes attended at an Accredited Partner Centre

Duration

Full-time: 1.5 year

Part-time: 2-3 years

160 Credits

Assessment

Examination and coursework

Registration Dates

Throughout the year

Guided Learning Hours

459 Hours depending on units chosen

Total Qualification Time

1,600 hours



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Qualification Structure

Students are required to complete eight core units.

CORE UNITS

Artificial Intelligence (TQT: 200 hours / 20 credits)	Data Analysis and Visualisation with Python (TQT: 200 hours / 20 credits)	Agile Development (TQT: 200 hours / 20 credits)	Professional and Career Development in IT (TQT: 200 hours / 20 credits)
Introduction to Data Science and Big Data (TQT: 200 hours / 20 credits)	Business IT Project (TQT: 200 hours / 20 credits)	Analysis, Design and Implementation (TQT: 200 hours / 20 credits)	IT Project Management (TQT: 200 hours / 20 credits)



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