



## OTHM Level 7 DIPLOMA IN DATA SCIENCE

Qualification Number: 610/2153/2

### Overview

The principal objective of the OTHM Level 7 Diploma in Data Science qualification is to develop the knowledge and skills and construct the means for extracting business-focused insights from data. This requires an understanding of how value and information flows in a business, and the ability to use that understanding to identify business opportunities. Learners will become competent and reflective practitioners, related to their current role, and in preparation for more challenging roles in the future. OTHM has developed a suite of Level 7 Diploma qualifications. The qualifications provide learners with industry-specific and practical skills, enabling them to successfully apply their knowledge in the workplace, enhance their career prospects and allow progression to further study.

### Mandatory units

- Data Science Foundations
- Probability and Statistics for Data Analysis
- Advanced Predictive Modelling
- Data Analysis and Visualisation
- Data Mining, Machine Learning and Artificial Intelligence
- Advanced Computing Research Methods



### Entry Requirements

For entry onto the OTHM Level 7 Diploma in Data Science qualification, learners must possess:

- An honours degree in related subject or UK level 6 diploma or an equivalent overseas qualification
- Mature learners with management experience (learners must check with the delivery centre regarding this experience prior to registering for the programme)
- Learner must be 21 years old or older at the beginning of the course



### Assessment and Verification

The units in this qualification are internally assessed by the centre and externally verified by OTHM. The qualifications are criterion referenced, based on the achievement of all the specified learning outcomes. To achieve a 'pass' for a unit, learners must provide evidence to demonstrate that they have fulfilled all the learning outcomes and meet the standards specified by all assessment criteria. Judgement that the learners have successfully fulfilled the assessment criteria is made by the Assessor. The Assessor should provide an audit trail showing how the judgement of the learners' overall achievement has been arrived at. Specific assessment guidance and relevant marking criteria for each unit are made available in the Assignment Brief document. These are made available to centres immediately after registration of one or more learners.

### Course Material

Course material, including presentations; handouts, assignment briefs and e-books are made available to enrolled learners. In addition to this, the learners also get the course handbook and tutorial via emails to support the learning.

### Online Learning

The learner sets the pace for learning and the courses are offered across an academic year basis. Although our tutors encourage the learners to make progress monthly, but this approach is flexible.

### Progressions

The OTHM Level 7 Diploma in Data Science enables learners to progress into or within employment and/or continue their further study. As this qualification is approved and regulated by Ofqual (Office of the Qualifications and Examinations Regulation), learners may be eligible to progress to Master's top-up at many universities in the UK and overseas with advanced standing. For more information visit the University Progressions page on the OTHM website.

### Certification

The Diploma is issued by the OTHM Qualification- Awarding Organisation. UK Versity Online Limited (Number DC1506132) is an accredited and approved delivery Centre for qualifications.

**Fees** £1500 + VAT for online learning

Student Visitor Visa fees - £3250 for 6 months

\* The fees include registration, assessment, teaching, and certification. There are no other hidden costs.

### Key Facts

Awarding Body: OTHM Qualifications

Course Duration: 6-9 months

Method of study: Full Time

Qualification Level: 7

### Disclaimer

We do everything we can to ensure that information on our website is correct, however, details may change and we cannot accept responsibility for errors or omissions. For more detailed information about the course visit OTHM official website on <https://othm.org.uk/othm-level-7-diploma-in-data-science.html>



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