STUDINFO

Level 7
Diploma in Data Science

OTHM accredited program

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Presentation

This training 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.

Entry Criteria

1. Age: 21 Y.O or older
2. Academic achievements:
Relevant NQF/QCF/RQF / Level 6 Diploma or equivalent
3. Business experience:
Management experience checked with the delivery center for Mature learners over 21 Years old
4. English requirements:
(IETLS optional)
if candidate is not from a majority English speaking country: must provide with English Language competency:
- 5.5 in IELTS R&W min 5.5
- Pearson 51
- CEFR Level B2
- TOEFL iBT 87-109

Objectives

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 .

Methods of Teaching

- Theoratical Lectures
- Conferences with brands and professionals
- Professional situation
- Tutorials
- Case Study

Progression & Careers

- Information systems administrator
- Information Systems Manager
- Site reliability engineer
- Information security analyst
- Web developer

Assessment & Verification

All units within this qualification are internally assessed by STUDINFO 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.

Course Duration

Program Duration: 12 months/1020 hours of training. Bachelor diploma at STUDINFO is a 3 year program.
Initial Training
- 3-5 days of Lectures per week
Apprenticeship
- Possibility of apprenticeship for students based in France

Pedagogy

Business Search Assistance
• Workshops and job search techniques
• Individual coaching
• Getting in touch with the school's partners

Educational Team
Faculty composed of teachers and professionals which form an essential link between the requirements of companies and the educational objectives imposed by this training.

Hybrid Learning
At STUDINFO, we are opting for the blended learning approach. Students learn at home via electronic, online media, through paper 'packs' of resources as well as traditional face-to-face teaching to ensure students are given equal opportunities to access the curriculum, whether in University or learning at home.
Home learning builds on and complements what is done at the University.
The blended learning approach considers how to incorporate.

Synchronous Learning
Synchronous learning is teaching and learning that happens where the teacher is present at the same time as the students, meaning that there is real-time interaction between them.
• Resources and activities delivered online, e.g., through Microsoft Teams.
• Recorded lessons/video instruction/podcasts.
• Flipped learning – students engage with material before discussions in class.

Independent Learning
Asynchronous learning is learning that does not necessarily happen at the same time for the teacher and the students. There is no real-time interaction; the learning resources are created and made available for students to use later.

Admission Process

The Office of Admissions holistically screens applicants files for the following : CV, cover letter, diplomas obtained, transcripts of the last two years, recommendation letter from a previous teacher, valid English Test (IELTS and equivalent requirements are optional), working certificates for mature learners)
To apply, please visit our website https://studinfo.com/enp/admission/.
Fill in the admission form and provide us with the required documents
3 intakes per year as follows :
October / January / March

Technical Requirements

- Laptops (Windows 7 or 10)
- Adapted Software
- Access to Outlook 365
- Access to the campus learning management system Moodle
- Internet Connection to our server
- Paper supports
- Digitized and centralized media on Drive

Apprenticeship in France :
- Supported by OPCOs upon the signature of an apprenticeship contract or professionalization
- Paid training for the learner
- Remuneration according to age and level of training

Tuition Fees

- 6850 € /year

Exam Procedure

Examination Procedure -Assignment Briefs	Credits	Delivery & Submission
Data science Foundations	20	**- Report : 3500 words**
Probabilty and Statistics for Data Analysis	20	**- Report : 3500 words**
Advanced Predictive Modeling	20	**- Report : 3500 words**
Data Analysis and Visualization	20	**- Report : 3500 words**
Data Mining, Machnine Learning and Artificial Intelligence	20	**- Report : 3500 words**
Advanced Computing Research Methods	20	**- Report : 3500 words**

Program

Training modules	Credits	Total Hours	Schedule (per hours) Lectures/week
Data Science Foundations	20	170	10
Probabilty and Statistics for Data Analysis	20	170	10
Advanced Predictive Modeling	20	170	10
Data Analysis and Visualization	20	170	10
Data Mining, M.L & Artificial Intelligence	20	170	10
Advanced Computing Research Methods	20	170	10
Apprenticeship (if any)	3 days a week		

OUR CONTACTS

STUDINFO

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