ALDAR ACADEMY
ALDAR
Since 1994
اكاديمية الدار
for Vocational Education ـ للتعليم المهني

Pearson BTEC level 5 Higher National Diploma in Computing (Data Analytics)

PROGRAM OUTLINE

On successful completion of this program, students will understand the theoretical foundation of data analytics, data analytic processes and techniques. They will also gain hands-on experience in implementing data analytic processes and techniques using programming languages. As a result, students will develop skills such as communication literacy, critical thinking, analysis, reasoning, and interpretation, which are crucial for gaining emploment and developing academic competence.

ENTRY REQUIREMENTS

Academic Requirement
- Grade 12 Highschool Certificate with Pass Grade or Level 3 Vocational qualification in the relevant field.

English Language Requirement
(Can be achieved during the study period)

Non-native English speakers and who have not carried out their final two years of schooling in English can demonstrate ability at a standard equivalent to:
- PTE Academic 51, or
- IELTS 5.5 (reading and writing must be at 5.5)

BTEC Higher National Diploma is a UK Level 5 Vocational Education Qualification

Higher National **Level 5** Diploma

1 Transfer to more than 200+universities worldwide as 3 rd year students for a top-up bachelor's degree

2 Proceed to Higher Vocational Qualification in the same field.

3 Direct Employment in the relevant fields

4 Start and manage your own business.

Awarded by
Pearson

Regulated by
ofqual

Approved by
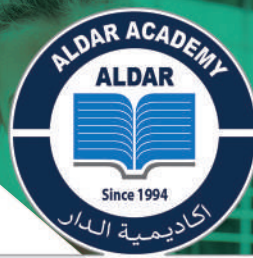DUBAI
Knowledge المعرفة

ALDAR Academy
Dubai - United Arab Emirates

CAREER OPPORTUNITIES

By the end of this program the learners will be able to work as:

- Cloud Computing Specialist
- Cyber Security Specialist
- Data Security Analyst
- Data Analyst
- Bigdata Analyst
- Machine Learning Analyst
- Data Visualization Specialist
- E-Commerce Business Developer
- Strategy Analyst

STUDY PLAN

- Total guided learning hours = 960 hours
- Total qualification time = 2, 400 hours Requires 240 credits, of which
- 120 credits are at Level 5 (7 units) and 120 credits are at Level 4 (8 units)
- Mix of core, specialist, and optional units, totaling 240 credits

YEAR 1	YEAR 2
Programming	Computing Research Project
Networking	Business Process Support
Professional Practice	Advanced Programming for Data Analysis
Database Design & Development	Machine Learning
Security	Big Data Analytics and Visualization
Planning a Computing Project	E-Commerce & Strategy
Data Analytics	Operating Systems
Website Design & Development	

CONTACT US

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