# WebLearning:: Data Science Training & Certification

**WebLearning brings you a New Vision of career development...**



**Courses designed to develop knowledge and skills needed for modern careers**

WebLearning offers Data Science for Business and IT professionals encompassing SQL, R, Excel, Power BI, Azure ML, Oracle Analytics, Python and Scala Programming, Machine Learning, Text Mining, Deep Learning, Social Network Analysis and Natural Language Processing, Big Data tools such as Hadoop, HDFS, Flume and Sqoop, Spark and more.

WebLearning Data Science courses are designed to provide students with knowledge and skills in areas of business, accounting and computer science that are universally in high demand across industry and are suitable for professional, technical and vocational careers.

**Data Science** courses have been specifically designed for beginners and experienced practitioners who would like to acquire new skills from scratch and gradually achieve expert level knowledge in one go and are customised to impart thorough knowledge of a single subject area by transforming a beginner into an expert **in just a matter of few weeks.**

For those thinking of just starting out in a particular technology or changing career paths towards a new, popular technology, the WebLearning **Data Science Academy** offers the best solution.

Current Data Science learning paths include Data Science Foundation, Data Science for Business, Data Science Programming, Big Data Fundamentals, Hadoop Fundamentals, Databases and SQL for Data Science, Data Science for Microsoft, Data Science for IBM and Data Science for Oracle Machine Learning.

## Data Science Academy Overview

In the rapidly growing IT industry, professionals with the skills to manage all aspects of Information management are in high demand. The Data Science certification recognises professionals who have attained the knowledge and experience to oversee all aspects of information management including initiation, quality, procurement, and communications issues.

We offer focused curriculum and certification preparation for every level and aspect of career and Workforce development; spanning basic HTML to complex enterprise technology requirements.

From self-paced CD/DVD-ROM CBT courses, Student training workbooks, Instructor guides, intense Boot Camps to Finance, Human Resource Management, Retail, Supply-Chain, Logistics, Manufacturing, CRM, Business Intelligence, Data Warehousing, Big Data, Artificial Intelligence, Machine Learning, Data Integration, Data Engineering, Business Process Management, Project Management, Networking, Security, Java and open source classroom courses.

We cover the real-world skills most recognised and valued by employers and businesses.

- Convenient Anytime, Anywhere Training
- Money-back Certification Guarantee*
- 24-hour Online Mentoring From Certified Advisors
- Email Access to IT Courseware Specialists
- Hands-on Interactive Exercises
- Practice Assessment Tests
- Search and Learn Across all Course Material

## Data Science Certification Programme

The Data Science academy is designed for those who are aspiring to be Data scientists. This programme covers basic to advanced level concepts including SQL, data engineering, machine learning, artificial intelligence, recommender systems, R and Python programming, data modelling, data visualization and the Hadoop ecosystem.

This programme also covers all pre-requisite courses needed for Data Science such as Statistics and Probability. After successful completion, participants can become Data Scientists as well as experts on Data Visualisation and decision-making using data analytics.

## Why this Certified Professional Programme?

Data is collected in every aspect of our existence. The true transformative impact of data is realizable only when we can mine and act upon the insights contained within the data. Thus it is no surprise to see phrases such as "data is the new oil" (Economist).

We see organisations in most spaces seeding data-related initiatives. Companies that leverage and act upon the gems of information contained within data will get ahead of the competition – or even transform their industries. The transformative aspect of data is also applicable to the not-for-profit sector, for the betterment of society and improving our existence.

A variety of data related professions are relevant: Data Scientist, Data Engineer, Data Analyst, Database Developer, Business Intelligence (BI) Analyst, etc., and the most prominent of those is Data Scientist. It has

been called "the sexiest job of the 21st century" by the Harvard Business Review, and Glassdoor calls it the "best job in America".

Job listings and salary profiles for this profession clearly reflect this. When we talk to our clients we see a common thread: they can't find enough qualified people to staff their data projects. This has created a tremendous opportunity for data professionals, especially Data Scientists.

In a recent report, IBM projected that "by 2020 the number of positions for data and analytics talent in the United States will increase by 364,000 openings, to 2,720,000". The global demand is even higher.

Even though Data Science is "hot and sexy" and might enable you to get a great job today, the question is will it continue to be in demand and important going forward?

We certainly believe so, at least for another decade or more. Data is being created and collected at a rapid pace, and the number of organisations leveraging data is also expected to increase significantly.

"WebLearning's Data Science Certified Professional Programme fulfils a massive need for more data science talent in the UK, US and globally," said Al Wilson, Principal Consultant of Research at WebLearning L & D. " We expect WebLearning's Data Science Professional Certification Programme will become a valuable credential for people wanting to start a career in data science."


## WebLearning Data Science Certified Professional

It is with this in mind WebLearning developed the Data Science Certified Professional Programme. It consists of courses that are intended to arm you with latest job-ready skills and techniques in Data Science.

The courses cover variety of data science topics including: open source tools and libraries, methodologies, Python, databases and SQL, data visualization, data analysis, and machine learning. You will practice hands-on in the Cloud (at no additional cost) using real data science tools and real-world data sets.

The courses in the Data Science Certified Professional include:

Introduction to Data Science
Tools for Data Science
Data Science Methodology
Databases and SQL for Data Science
Introduction to Big Data
Introduction to Apache Hadoop
R for Data Science
Python for Data Science
Databases and SQL for Data Science
Data Visualisation
Data Analysis with Python
Introduction to AI and Machine Learning
Applied Data Science with R
Data Analysis and Visualisation using Excel
Data Analysis and Visualisation using Power BI

**Data Science Learning Paths**

The WebLearning Data Science learning path currently consists of one course that introduces you to Data Science from a practitioner point of view, to courses that discuss topics such as data compilation, preparation and modelling throughout the life-cycle of data science; from basic concepts and methodologies to advanced algorithms. It also discusses how to get some practical knowledge with open source tools.

The learning path is organised as follows:

**Data Science Foundations**

Data Science is the hottest field of the century. Learn about why data science, artificial intelligence (AI) and machine learning are revolutionising the way people do business and research around the world.

Introduction to Data Science
Tools for Data Science
Data Science Methodology

**Data Science for Business**

This learning path is designed to demonstrate how to identify insights from data to support consistently making clear and rational decisions. Courses in this learning path are case study driven, and put data manipulation, data visualization and analytical techniques in the context of the everyday to put an end to the second guess.

Databases and SQL for Data Science
Introduction to Statistics
Fundamentals of Predictive Modelling

**Spark Fundamentals**

Apache Spark, as a general engine for large scale data processing, is such a tool within the big data realm. This learning path addresses the fundamentals of this program's design and its application in the everyday.

Spark Fundamentals I
Spark Fundamentals II
Spark MLlib
Exploring Spark's GraphX
Analysing Big Data in R using Apache Spark

**Big Data Fundamentals**

Are you interested in understanding 'Big Data' beyond the terms used in headlines? Then select this learning path as an introduction to Big Data tools like Apache Hadoop and Apache Spark Frameworks, which enable data to be analysed on mass, and start the journey towards your headline discovery.

Introduction to Big Data
Introduction to Apache Hadoop
Spark Fundamentals I

**Hadoop Fundamentals**

This learning path is design to give you exposure to the tools used in Big Data, Hadoop's core components and supporting open source projects.

Introduction to Apache Hadoop
MapReduce and YARN
Moving Data into Hadoop using Sqoop and Flume
Accessing Hadoop Data Using Hive


**Hadoop Programming**

This learning path is dedicated to address these programming requirements by filtering and sorting what you need to know and how you need to convey your message.

MapReduce and YARN
Introduction to Apache Pig
Simplifying Data Pipelines with Apache Kafka


**Scala Programming for Data Science**

Data Scientists tend to favour one of three programming languages, Python, R, or Scala. Which to choose? Learn Scala if you are an aspiring or a seasoned Data Scientist (or Data Engineer) who is planning to work with Apache Spark to tackle Big Data with ease.

Introduction to Scala Programming
Spark Overview for Scala Analytics
Data Science with Scala

**Applied Data Science with Python**

Learn how to code in Python for data science, then analyze and visualize data with Python with packages like scikit-learn, matplotlib and bokeh. In these data science courses, you'll learn how to use the Python language to clean, analyze and visualize data. Through our guided lectures and labs, you'll get hands-on experience tackling interesting data problems. This is an action-packed learning path for data science enthusiasts who want to work with real world problems using Python. Make sure to take this learning path to solidify your data skills in Python, before diving into machine learning, big data and deep learning in Python.


Python for Data Science
Data Analysis with Python
Data Visualization with Python

**Deep Learning**

In this learning path, you'll first learn Neural Networks, and an overview of Deep Learning, then get hands-on experience using TensorFlow library to apply deep learning on different data types to solve real world problems. Then, you will get hands-on experience in solving problems using Deep Learning. Starting with a simple "Hello Word" example, throughout the course you will be able to see how TensorFlow can be used in curve fitting, regression, classification and minimization of error functions.

This concept is then explored in the Deep Learning world. You will learn how to apply TensorFlow for backpropagation to tune the weights and biases while the Neural Networks are being trained.

Finally, the course covers different types of Deep Architectures, such as Convolutional Networks, Recurrent Networks and Autoencoders.

Deep Learning Fundamentals
Deep Learning with TensorFlow
Accelerating Deep Learning with GPU

**Applied Data Science with R**

This is an action-packed learning path for data science enthusiasts who want to learn about data analysis, accessing databases with R, and visualization.

Introduction to R
Using R with Databases
Data Visualization with R

# Data Science and Big Data with IBM
Starting with a course on the fundamentals of Big Data, you'll learn Big Data with IBM's suite of products, as well as other open source tools. Leveraging these tools and techniques, you'll be able to handle Big Data and gain crucial insight from it.

Introduction to Big Data
Introduction to Hadoop
Accessing Hadoop Data Using Hive
SQL Access for Hadoop
Spark Fundamentals I

**Data Science: Mastering Apache Hadoop**
Data Science: Mastering Apache Hadoop Training & Certification Courses

Hadoop Data Science is for professionals who are looking for building strong career path on Apache Hadoop and are new entrants to this technology.

This course will help them to expertise in end to end solutions of Hadoop modules. This course will cover: Introduction to Apache Hadoop, Master Hadoop Administration, and Hadoop Developer.

This course is best suited for business users, developers, Windows teams, Java developers, data analysts, administrators and data scientists.

Upon Completion of this Course, you will accomplish following:

Comprehend key Hadoop distributors
Comprehend Hadoop Architecture
Comprehend HDFS
Comprehend MapReduce
Comprehend Backup and Recovery
Comprehend Monitoring the Cluster
Comprehend Hadoop Resource Management
Comprehend Cluster Troubleshooting
Comprehend Installation, Configuration and Implementation
Comprehend Hadoop debugging, development, and execution of workflows and algorithms
leverage Hive, Oozie, Pig, Flume, Sqoop, and other Hadoop ecosystem projects
Create custom components such as InputFormats and WritableComparables to administer complex data types
Write and execute joins to link data sets in MapReduce

# Data Science for Oracle

Data Science for Oracle course is a Data Science series course from WebLearning that aims to cover all aspects of Oracle Advanced Analytics, Big Data, Data Warehousing and Administration using the Oracle Analytics Tools.

For analysing and reporting tasks using Oracle Big Data and BI tools and techniques, it is imperative to first have good understanding of Oracle databases and dimensional modelling and analysis techniques.

Therefore, this special course series begins with providing in-depth knowledge of modelling and analysing SQL databases, before moving on to the BI development, data warehousing and administration aspects.

The course covers skills such as: data warehouse fundamentals, parallelism, partitioning, the Result Set Cache, Advanced Compression, using Oracle Data Mining, data integration with ODI and OWB, the Exadata Storage Server and the Sun Oracle Database Machine and best practices for implementing data warehouses and Big Data.

The learning path for Data Science for Oracle is organised as follows:

**Programming**

Java SE Fundamentals
Java EE Foundations
Java Programming Fundamentals
Introduction to SQL and PLSQL
R Programming
Python Programming
Scala Programming

**Database Management**

Database Foundations
Oracle Database 12c: Administration, Installation
Oracle Database 12c R2: Administration Workshop
NoSQL Fundamentals


**Database Development**

Database Design and Programming with SQL
Programming with PL/SQL
Oracle SQL Fundamentals
Introduction to SQL and PLSQL
Databases and SQL for Data Science

**Big Data and Database Modelling**

Introduction to Big Data
Database Modelling and Relational Database
Database Design
No SQL Database Modelling

**Analytics and Data Warehousing**

Oracle Database 12c: Administration, Installation
Oracle Database 12c R2: Administration Workshop
Oracle Database 12c and 19c: Data Warehousing Fundamentals
Oracle Database 12c and 19c: Advanced Analytics
Oracle Business Intelligence and Analytics
Oracle Business Intelligence Foundation Suite 11g/12c Essentials
Oracle Database 12c: Analytic SQL for Data Warehousing
Oracle Database 12c: Analytic SQL for Data Science

**Big Data Fundamentals**

This learning path as an introduction to Big Data tools like Apache Hadoop and Apache Spark Frameworks, which enable data to be analysed on mass, and start the journey towards your headline discovery.

Introduction to Big Data
Introduction to Apache Hadoop
Spark Fundamentals I

**Hadoop Fundamentals**

This learning path is design to give you exposure to the tools used in Big Data, Hadoop's core components and supporting open source projects.

Introduction to Apache Hadoop
MapReduce and YARN
Moving Data into Hadoop using Sqoop and Flume
Accessing Hadoop Data Using Hive

**Hadoop Programming**

This learning path is dedicated to address these programming requirements by filtering and sorting what you need to know and how you need to convey your message.

MapReduce and YARN
Introduction to Apache Pig
Simplifying Data Pipelines with Apache Kafka

**Applied Data Science with R**

This is an action-packed learning path for data science enthusiasts who want to learn about data analysis, accessing databases with R, and visualisation.

Introduction to R
Using R with Databases
Data Visualization with R

**Data Science for Oracle Database Administration**
Data Science for Oracle Database Administration course is a Data Science series course from WebLearning Solutions that aims to cover all aspects of Database Administration.

Oracle Database 11g: Administration I - 1Z0-052
Oracle Database 12c: Administration I - 1Z0-062
Oracle Database 19c: Administration I - 1Z0-082

**Oracle Database Administration Certification courses**

Oracle Database Administration Certification courses include:

Oracle Database 12c Administration and Development Certified Associate - OCA 1Z0-071 and 1Z0-062
Oracle Database 12c Administration Certified Associate - OCA 1Z0-062
Oracle Database 12c Administration Certified Professional - OCP 1Z0-063
Oracle Database 12c Administration Certified Professional - 1Z0-062
Oracle Database Administration 2019 Certified Professional exam: 1Z0-083

**Certified Implementation Specialist**

Oracle Database 12c Essentials - 1Z0-497

Oracle Database 12c: New Features for Administrators
Oracle Database: Introduction to SQL
Oracle Database: SQL Workshop I
Oracle Database: SQL and PL/SQL Fundamentals
Oracle Database 12c: Admin, Install and Upgrade Accelerated
Oracle Database 12c: Backup and Recovery Workshop
Oracle Database 12c: Managing Multitenant Architecture

**Data Science for Oracle Database Development**
Data Science for Oracle Database Development course is a Data Science series course from WebLearning that aims to cover all aspects of Database Development using the Oracle Development Tools

For analysis and database development tasks using Oracle tools and techniques, it is imperative to first have good understanding of Oracle database modelling and analysis.

Therefore, this special course series begins with providing in-depth knowledge of modelling and analysing SQL databases, before moving on to the development aspect.

Oracle Database 12c: SQL & PL/SQL Essentials Certified Associate - 1Z0-071 and 1Z0-147

**Oracle Database Development Certification**
Oracle Database Development Certification courses:

Oracle Database 12c Administration and Development Certified Associate - OCA 1Z0-061 and 1Z0-062
Oracle Database Foundations Certified Associate - 1Z0-006

Oracle Database 12c: SQL Developer Certified Associate - 1Z0-071
Oracle Database 12c: SQL Developer Certified Associate - 1Z0-061
Oracle Database Introduction to SQL Certified Associate - OCA 1Z0-071
Oracle Database 12c: Program with PL/SQL - Certified Professional - OCP 1Z0-149

**Data Science: Oracle Database Development and Administration**
Data Science for Oracle Database Development and Administration course is a Data Science series course from WebLearning that aims to cover all aspects of Database Development and Administration using the Oracle Development Tools.

For analysis and database development tasks using Oracle tools and techniques, it is imperative to first have good understanding of Oracle database modelling and analysis.

Therefore, this special course series begins with providing in-depth knowledge of modelling and analysing SQL databases, before moving on to the development and administration aspects.

**Oracle Database 11g**:
Oracle Database 11g Administration and Development Certified Associate - OCA 1Z0-051 and 1Z0-052
Oracle Database 11g: SQL & PL/SQL Essentials Certified Associate - 1Z0-051 and 1Z0-144

**Oracle Database 12c**:
Oracle Database 12c Essentials - 1Z0-497
Oracle Database 12c: SQL Developer Certified Associate - 1Z0-071
Oracle Database 12c: SQL Fundamentals I - 1Z0-071
Oracle Database 12c: Administration I - 1Z0-062
Oracle Database 12c: Administration II - 1Z0-063

**Data Science for Oracle Developer**
Combines Data Science - Java Developer and Data Science for Oracle Database Development

Data Science for Oracle Developer course is a Data Science series course from WebLearning that aims to cover all aspects of Java and Database Development using the Oracle Development Tools.

For analysis and application development tasks using Oracle Java and database tools and techniques, it is imperative to first have good understanding of Object Oriented and UML modelling, Oracle database modelling and analysis.

Therefore, this special course series begins with providing in-depth knowledge of modelling and analysing Java applications and SQL databases, before moving on to the development aspect.

Oracle Database 12c: SQL & PL/SQL Essentials Certified Associate - 1Z0-051 and 1Z0-147
Oracle Java and J2EE Development

# Data Science for Microsoft: Certified Professional

The Data Science for Microsoft is designed for those who are aspiring to be Data scientists in a Microsoft environment. This specialised programme covers basic to advanced level concepts including SQL, business intelligence, database administration, Microsoft HDInsight, Azure Platform, data engineering, machine learning, artificial intelligence, recommender systems, R programming, data modelling, data visualisation and the Hadoop ecosystem.

The courses in the Data Science for Microsoft Certified Professional include:

## Data Science Foundations

Data Science is the hottest field of the century. Learn about why data science, artificial intelligence (AI) and machine learning are revolutionising the way people do business and research around the world.

Introduction to Data Science
Tools for Data Science
Data Science Methodology

## Big Data Fundamentals

This learning path as an introduction to Big Data tools like Apache Hadoop and Apache Spark Frameworks, which enable data to be analysed on mass, and start the journey towards your headline discovery.

Introduction to Big Data
Introduction to Apache Hadoop
Spark Fundamentals I

## Hadoop Fundamentals

This learning path is design to give you exposure to the tools used in Big Data, Hadoop's core components and supporting open source projects.

Introduction to Apache Hadoop
MapReduce and YARN
Moving Data into Hadoop using Sqoop and Flume
Accessing Hadoop Data Using Hive

## Hadoop Programming

This learning path is dedicated to address these programming requirements by filtering and sorting what you need to know and how you need to convey your message.

MapReduce and YARN
Introduction to Apache Pig
Simplifying Data Pipelines with Apache Kafka

## Applied Data Science with R

This is an action-packed learning path for data science enthusiasts who want to learn about data analysis, accessing databases with R, and visualisation.

Introduction to R
Using R with Databases
Data Visualization with R

**Data Science for SQL Server Business Intelligence**
Data Science for SQL Server Business Intelligence course is a Data Science series course from WebLearning Solutions that aims to cover all aspects of Business Intelligence using the Microsoft suite of products. For analysing and reporting tasks using Microsoft BI tools and techniques, it is imperative to first have good understanding of SQL Server 2014 databases.

Therefore, this special course series begins with providing in-depth knowledge of administering SQL databases, before moving on to the BI aspect.

Data Science for SQL Server Business Intelligence training program is meant for professionals who would like to gain core knowledge of performing business intelligence tasks in their organizations using Microsoft SQL Server 2014 and 2016 and Big Data platforms.

The course is designed specifically for Business Intelligence professionals, database professionals and BI Architects who wish to gain skills in designing BI solutions for an enterprise environment. The skills covered in this course account for a professional's ability to design a complete BI infrastructure including its interactions to different data systems.

**Data Science for Microsoft Database Administrator**
Data Science for SQL Server Business Intelligence course is a Data Science series course from WebLearning Solutions that aims to cover all aspects of Database Administration using the Microsoft suite of products.

This course is ideal for database professionals who design, create and manage databases at organisation levels and ensure high availability of data.

Course is designed specifically for Business Intelligence professionals, database professionals and BI Architects who wish to gain skills in designing BI and database solutions for an enterprise environment.

**Data Science for Microsoft Database Developer**
Data Science for SQL Server Business Intelligence course is a Data Science series course from WebLearning Solutions that aims to cover all aspects of Database development using the Microsoft suite of products.

For analysis and database development tasks using Microsoft tools and techniques, it is imperative to first have good understanding of Microsoft database modelling and analysis.

Therefore, this special course series begins with providing in-depth knowledge of modelling and analysing SQL databases, before moving on to the development aspect.

This course is ideal for database professionals who design and create databases at organisation levels and ensure high availability of data.

The course is designed specifically for database professionals and Architects who wish to gain skills in designing database solutions for an enterprise environment.

# Data Science and ABE

The Data Science programme also incorporates elements of the Association of Business Executives (ABE) and WebLearning Academy curriculum and offers three levels of qualifications in the management of information systems to improve your management knowledge and skills.

The Association of Business Executives (ABE) - Information Systems Management Programme component of the Data Science for I.T and Business is optional.

The Diploma in Business Management (Management of Information Systems pathway) starts at level 4, and enables you to progress through the Higher Diploma at level 5 up to the Graduate or Graduate Integrated Diploma at level 6.

As one of ABE's 50,000 students, you have access to a comprehensive support and information network with both online and published material available. Plus you can be very confident about the quality of the qualification you will receive, as all of ABE's qualifications are accredited by Ofqual, the British government's regulatory authority, as well as equivalent bodies worldwide.

ABE qualifications are very flexible. The optional units enable you to specialise in the areas that particularly interest you. Units can be studied in any order. Several units are common to more than one programme so you can switch between qualifications or easily move on to take a second qualification at the same level.

## Information Systems Management Programme

The Association of Business Executives (ABE) - Information Systems Management Programme component of the Data Science for I.T and Business is optional.

**Diploma (Level 4)**

Compulsory units

- Introduction to Business
- Introduction to Quantitative Methods
- Introduction to Business Communication
- Introduction to Management Information Systems

**Entry requirements**

Open entry, but you must be competent in English (IELTS 5.0 minimum) and Mathematics

**Higher Diploma (Level 5)**

Compulsory units

- Quantitative Methods for Business Management
- The Business Environment- Financial Accounting
- Marketing Policy, Planning and Communication
- Organisational Behaviour
- Human Resource Management

Optional units (choose two)

- Information Systems Applications for Business
- Information Systems Development- Managing the Customer Relationship

**Entry requirements**

One of the following:

- Any ABE Level 4 Diploma or equivalent
- Any Level 3 qualification or equivalent
- 2 years' relevant work experience

And you must be competent in English (IELTS 5.0 minimum) and Mathematics

**Graduate Diploma (Level 6)**

Compulsory units

- Corporate Strategy and Planning
- Managing in Organisations
- International Business Case Study
- Project Management
- Information Systems for Strategic Management

**Entry requirements**

One of the following:

- Any ABE Level 5 Diploma or equivalent qualification
- A degree or equivalent
- And you must be competent in English (IELTS 5.0 minimum) and Mathematics

**Graduate Integrated Diploma (Level 6)**

**Compulsory Units**

- Quantitative Methods for Business Management
- The Business Environment
- Financial Accounting- Marketing Policy, Planning and Communication
- Organisational Behaviour
- Human Resource Management
- Corporate Strategy and Planning
- Managing in Organisations
- International Business Case Study
- Project Management
- Information Systems for Strategic Management

**Optional units (Choose two)**

- Information Systems Applications for Business
- Information Systems Development
- Managing the Customer Relationship

**Entry requirements**

One of the following:

- Any ABE Level 4 Diploma or equivalent
- Any Level 3 qualification or equivalent
- 2 years' relevant work experience

And you must be competent in English (IELTS 5.0 minimum) and Mathematics

## What do the levels mean?

The levels refer to the 'level of learning' required to complete the qualification. Qualifications at the same level are therefore broadly similar (or equivalent) in the level of learning required.

**QCF Level** - Other qualifications at the same level

**Level 3** - UK 'A' level, BTEC National Certificate

**Level 4** - BTEC Professional Diploma

**Level 5** - UK Foundation Degree, HND

**Level 6** - Bachelors Degree, Graduate Diploma

**Level 7** - Masters Degree, Postgraduate Diploma

## What is a Pathway?

ABE's level 4, 5 and 6 Diplomas in Business Management are divided into three separate 'Pathways'. A Pathway is a combination of units (with some options within them) which enable you to specialise in a particular area.

The three Pathways are Business Management, Financial Management and the Management of Information Systems.

All successful students will receive a Diploma in Business Management (at the appropriate level). If you take the Financial Management or Management of Information Systems Pathways the relevant Pathway will be shown on your award certificate.

This will be especially useful if you are considering a career in, or planning to study further in, either of these Pathway areas.

**The progression route with WebLearning Data Science and ABE qualifications**



A flowchart showing progression routes. Grey boxes indicate entry points:
- No formal qualifications → ABE Diploma Level 4
- 2 x 'A' levels (or a Level 3 equivalent) or 2 years' relevant work experience → ABE Higher Diploma Level 5
- Bachelors degree or Level 5 qualification → ABE Graduate Diploma Level 6
- 2 x 'A' Levels (or a Level 3 equivalent) or 2 years' relevant work experience → ABE Graduate Integrated / Extended Diploma Level 6
- Honours degree or Level 6 qualification → ABE Postgraduate Diploma Level 7

Blue ABE qualification boxes:
- ABE Diploma Level 4 → ABE Higher Diploma Level 5 → ABE Graduate Diploma Level 6 → ABE Postgraduate Diploma Level 7
- ABE Diploma Level 4 → First year of degree
- ABE Higher Diploma Level 5 → Second year of degree
- ABE Graduate Diploma Level 6 → Final year of degree
- ABE Graduate Integrated / Extended Diploma Level 6 → Final year of degree and MBA or Masters degree

Orange outcome boxes:
- Final year of degree
- MBA or Masters degree (with relevant work experience)
- Advanced entry to MBA or Masters degree (some universities require relevant work experience)
- First year of degree
- Second year of degree
- MBA or Masters degree (with relevant work experience)