Data Analysis - NCFE Level 2 Certificate

Are you ready to delve into the dynamic world of data and decision-making?

Introducing the NCFE Level 2 Certificate in Data Analysis, an engaging and comprehensive course that will equip you with the skills and knowledge necessary to transform raw data into powerful insights.

In our increasingly digital world, data has become the lifeblood of businesses and organisations across sectors. The ability to understand, interpret, and leverage data effectively is a skill that is in high demand.

This 4-week course is specifically designed to set you on the path to become a proficient data analyst, even if you're starting from scratch. By the end of this course, you won't just be a certified data analyst, but you'll also have developed a data-driven mindset, equipped with a potent combination of technical and analytical skills, ready to solve complex problems and make informed decisions.

So, if you're passionate about numbers, patterns, and problem-solving, and you're curious about how data shapes our world, this course is perfect for you. With the NCFE Level 2 Certificate in Data Analysis, you can open the door to a multitude of exciting career paths in diverse industries. Apply now for an exciting journey into the world of data!

WHAT WILL I STUDY?

The journey begins with understanding the basics of data analysis, where you'll learn about different types of data and the art of asking the right questions. Next, you'll move onto data collection and data cleaning, developing strategies to gather accurate, high-quality data, and the techniques to clean and prepare it for analysis.

Following this, you'll dive into statistical analysis, where you'll learn about various statistical measures and how to use them to uncover patterns and relationships in data. You'll gain insight into with industry-standard tools like Excel and SQL, and programming languages such as Python and R, equipping you with the necessary technical skills to analyse large data sets.

Once you've mastered these tools, we'll introduce you to the exciting world of data visualization. You'll learn how to turn complex data into easily understood, visually appealing charts and graphs, a skill that is crucial in communicating your findings to both technical and non-technical audiences.

As you progress to the advanced levels of this course, you'll be introduced to machine learning, a field where computers are trained to learn from data and make decisions or predictions. This fascinating area opens up a range of possibilities and

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Day: Monday & Friday
Time: 10:00 - 14:00
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opportunities in the world of data analysis and beyond.

But technical skills alone are not enough. Ethical considerations in data analysis are increasingly important in our data-driven society. Therefore, our course dedicates time to explore these issues, considering data privacy, security, and the responsibilities of data analysts.

A unique feature of this course is our capstone project, where you'll get the opportunity to apply all the techniques and theories you've learned to a practical, real-world data analysis project. This will not only help consolidate your learning but will also provide you with a tangible showcase of your abilities to future employers.

HOW WILL I BE ASSESSED?

Assessment will be through building a portfolio of evidence plus a project using a data source that you choose yourself (don't worry, we will show you where you can find a good dataset!)

WHAT CAN I DO AFTER?

Learners who achieve this qualification could progress to:

- NCFE Level 2 Certificate in Digital Skills for Work (603/3114/8)
- NCFE Level 2 Certificate in Understanding Data Protection and Data Security (603/3639/0)
- Level 2 and 3 qualifications in Data Analytics/Programming
- Our very own Coding Academy at 01Founders

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