Data Literacy

Category: AI, Data & Analytics | **Vendor:** Various

Duration: 8.00 hours (1 days) **6.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

In the future, organizations that succeed will be those that put data at the forefront of their business strategy. This Data Literacy training is designed to give you a high level overview of the key topics in Data Science and Machine Learning. Designed exclusively for students who want to learn about the basics of data science and machine learning at a high level, without needing to learn how to code or cover complex mathematics. In this course you'll learn the fundamental concepts relating to data, allowing you to understand what makes data suitable for data analysis, visualization and machine learning. Then we'll give you a quick overview of important statistical topics, such as mean, standard deviation, and the normal distribution. Afterwards you will learn the different ways data scientists are able to visualize data to convey their ideas in a clear manner. We'll also teach you about the machine learning process, acquiring data, cleaning data, and an overview of the train/test split philosophy that supervised learning adheres to. Then we'll show you some examples of regression and classification algorithms, as well as how to evaluate their results. We'll also explore what the future holds by taking a peek at the bleeding edge of AI and ML, including DALLE-2 and GPT-3!

About This Course

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Who Should Attend

This course is ideal for business professionals, analysts, managers, and anyone who works with data but does not have a technical background. If you want to develop confidence in using data to support your decisions, this training is for you.

Prerequisites & Entry Requirements

General Prerequisites:

No prior experience with data analysis is required. This course is designed for beginners and professionals looking to build foundational data skills.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

By the end of this course, you will have a solid understanding of data literacy fundamentals, enabling you to interpret and communicate data effectively. You'll learn to recognize different data types, identify patterns, assess data quality, and make informed business decisions. This course also covers basic data visualization techniques to help present insights clearly.

Detailed Course Outline

Data and Opportunities

- Data Quality
- Understanding Big Data

Data Measurements

- Understanding Central Tendency
- Understanding Dispersion

Understanding Data Analysis

- Tour of Data Visualizations

Probability and Uncertainty

- Testing theories and hypotheses
- Probability and Statistics Overview

Machine Learning Overview

- Understanding Machine Learning Concepts
- Supervised Learning Overview
- Unsupervised Learning Overview
- Dimensionality Reduction Overview

The Future of Data, ML, and AI

- Overview of Deep Learning Concepts
- What’s next for AI and ML

Upcoming Schedule

Available training dates for Data Literacy:

Start Date	End Date	Location	Delivery	Price
14 Jan 2027	14 Jan 2027	Online	Virtual	€795.00

Frequently Asked Questions

Q: What delivery options are available for Data Literacy?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 1-day Data Literacy course provides up to 6.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Data Literacy training?

The training takes place over 1 day(s), with each day lasting approximately 8.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Data Literacy?

Yes, we provide corporate training, dedicated training, and closed classes for Data Literacy. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for Data Literacy?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Data Literacy training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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