

ASCENT TRAINING WALES · FULLY FUNDED

AI Developer

A five-day intensive masterclass — fully funded through ReAct+ for people who have been made redundant

www.ascenttrainingwales.co.uk

01 · FULLY FUNDED

Fully funded

If you have recently been made redundant, this masterclass is fully funded through ReAct+ — no cost to you. It is a fast, practical route back into work in one of the fastest-growing areas of technology, subject to eligibility.

CHECK YOUR ELIGIBILITY

01656 737349 · info@ascenttrainingwales.co.uk



02 · YOUR COURSE

Course overview

Five days of hands-on training in building, training and deploying machine learning models and AI-powered applications. You will cover supervised and unsupervised learning, model training, evaluation and optimisation, working with real datasets and modern AI tooling. The focus is applied skill, not theory.

QUESTIONS BEFORE YOU BOOK?

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03 · WHAT YOU'LL LEARN

Course modules

Module One	AI foundations and data prep
Module Two	Supervised learning and models
Module Three	Unsupervised learning and projects
Techniques	Classification and regression
Practice	Real datasets, modern tooling
Outcome	A model you have built and tested



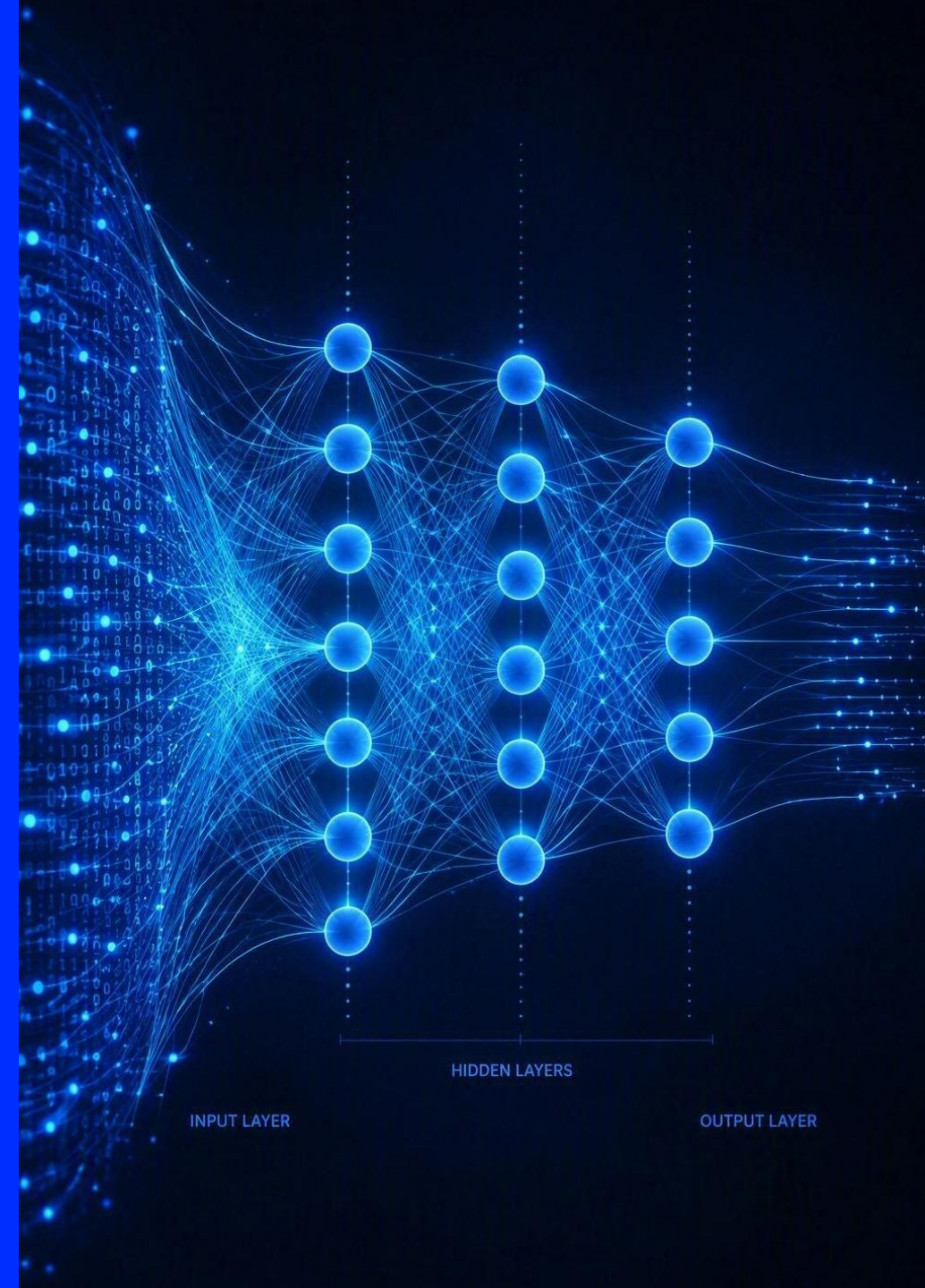
04 · MODULE ONE

AI foundations

Start with the core concepts of AI and machine learning — key terminology, types of learning and how AI is used in real applications. You will see how machines learn from data, then move into data preparation and feature engineering: cleaning, structuring and transforming raw data ready for training.

IN THIS MODULE

Terminology · Data cleaning · Feature engineering



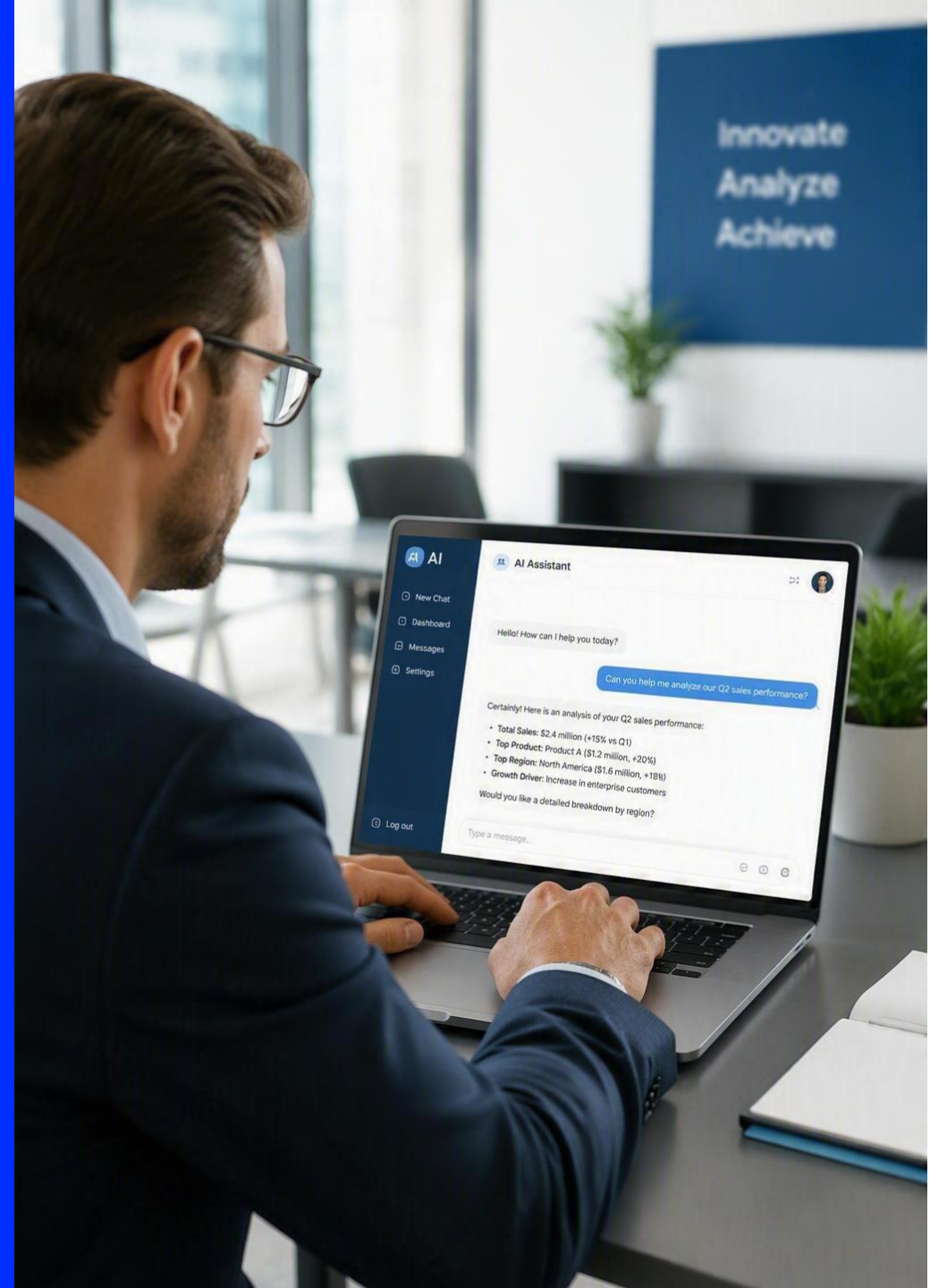
05 · MODULE TWO

Supervised learning

Train models on labelled data and understand how predictions are generated from inputs. You will build classification and regression models, then evaluate them using accuracy, precision and error analysis to judge performance and improve results.

IN THIS MODULE

Classification · Regression · Model evaluation



06 · WHO IT'S FOR

Who should attend

Career changers

Retraining after redundancy

Developers

Moving into AI and ML roles

Data analysts

Adding modelling to their toolkit

Graduates

Technical degrees, new to AI

Experience

Some Python or coding is helpful

New to AI

Supported from first principles



Course schedule

Day One

AI foundations and terminology

Day Two

Data preparation and features

Day Three*Supervised learning models***Day Four**

Evaluation and optimisation

Day Five*Unsupervised learning and project***Each day**

9:00 am – 4:30 pm



Projects & outcomes

1

UNSUPERVISED LEARNING

Explore clustering and pattern recognition to find structure in unlabelled data, then optimise and refine models for better performance and reliability.

2

YOUR FINAL AI PROJECT

Apply everything you have learned to build, test and evaluate a complete solution — the full lifecycle from data preparation to deployment and insight.



ASCENT
TRAINING WALES

YOUR NEXT STEP

Get started

fully funded places available now

www.ascenttrainingwales.co.uk

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