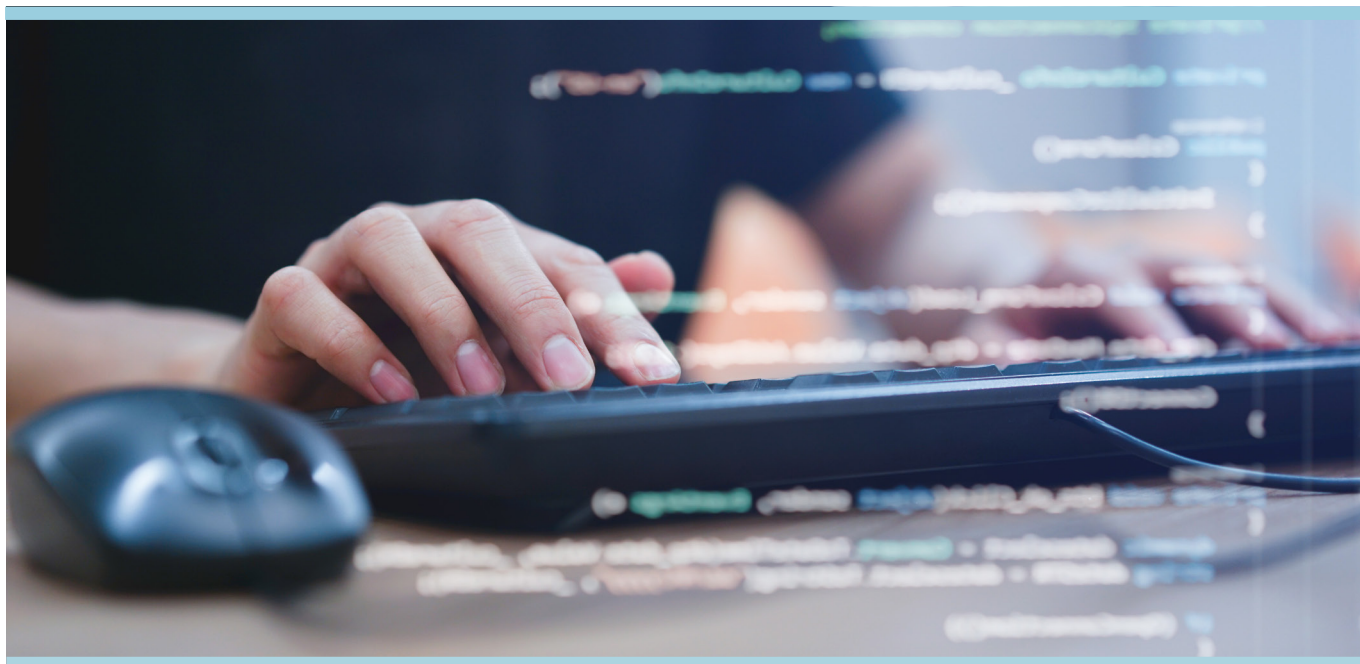# An Introduction to Machine Learning Data Analysis

- Unlock and Embrace Your Data Potential with Machine Learning: Stay Ahead of the Curve

- Discover and Harness the Power of WebR and Data

- Acquire Analytical Skills and Navigate Expertly in a Sea of Data

This module is designed to give you a beginner's understanding of using Machine Learning for quantitative data analysis. We'll cover descriptive statistics including averages, interquartile range, standard deviation, and variance. Additionally, we'll explore correlation analysis and our first statistical test, the student t-test. You'll also be introduced to basic linear regression and the normal linear model. Basic applications from the business world will accompany the theory behind these concepts.

At the module's conclusion, you will be able to understand and collaborate efficiently with economists and data analysts. You will have the foundational knowledge needed to embark on a quantitative data analytics journey.

We'll utilise the R software environment for learning data analysis via the WebR REPL project. WebR, an open-source tool, boasts immense power and comprehensive functionality.

Participants will receive a Certificate of Attendance.

LIVERPOOL HOPE UNIVERSITY
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Liverpool Hope
Business School

Delivery

Delivery will comprise 3 hour-long online sessions on Wednesday evenings (5.30 - 8.30pm), for 3 weeks.

Dates and Times

- Wednesday 30th October 2024, 5.30pm - 8.30pm

- Wednesday 6th November 2024, 5.30pm - 8.30pm

- Wednesday 13th November 2024, 5.30pm - 8.30pm.

Target Audience

Executives, middle-level managers, think tank researchers and career changers.

Entry/Technical Requirements

- GCSE score of at least a C/4 in Maths.

- We would also consider applicants with some experience in handling numbers and data.

- No specific software required, just access to internet and a web browser.
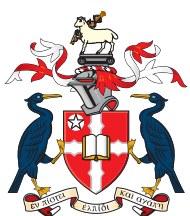
Cost

£360 per participant.

How to apply

To apply or for more information please contact:

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