

Understanding Data for Improving Healthcare

Virtual workshop delivered in two sessions

Part 1: Monday 27th September 2021, 10.00 – 12.30

Part 2: Tuesday 28th September 2021, 10.00 – 12.30

Delivered via Zoom

This course uses a mixture of taught content and a series of interactive case studies to illustrate the key concepts required to successfully use data for improvement whilst avoiding common pitfalls.

In this two-part course you will be introduced to **Shewhart's theory of variation (Part 1) and explore its implications (Part 2)**, which are often profound, on efforts to improve the quality of healthcare.

This workshop is suitable for managers, doctors, nurses, allied health professionals, NHS board directors, and anyone who is interested in improving the quality and safety of healthcare. No prior knowledge is required.

The Improvement Academy offers a small number of funded places to Yorkshire and Humber NHS and social care organisations.

A cancellation charge of £75 may apply if less than 48 hours' notice is given.

This is an essential course for anyone working with data to demonstrate improvements in quality and safety of healthcare.

Delivered virtually in two 2.5 hour sessions by statistician and improvement expert:

Professor Mohammed A Mohammed
*Professor of Healthcare, Quality & Effectiveness,
University of Bradford*

Professor Mohammed has extensive experience in health care quality and is a leading expert in the science of improvement including statistical process control methods. He has also published a number of key papers on the use and abuse of statistics. Professor Mohammed is an Academic Advisor to the Improvement Academy.

As a follow up to this workshop, we offer a full day practical session on how to plot and produce **Statistical Process Control (SPC)** in healthcare.

Please look at the website for details.

Places are limited on the course and will be reserved on a first come first served basis.

To book your place, please contact:

Shahima Begum – Communications, Networks and Training Officer

Email: Academy@yhia.nhs.uk

www.improvementacademy.org



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