Mindluster Platform

About the course Medical Statistics

Course Presenter : Ø§Ù„Ù…Ø¹Ù‡Ø¯ Ø§Ù„Ù‚ÙˆÙ…Ù‰ Ø§Ù„Ø¹ÙµØ§Ù

Medical Statistics, in this course provides students with essential knowledge of statistical concepts and their application in healthcare and biomedical research. It begins with descriptive statistics, including measures of central tendency, variability, and data visualization through graphs and tables. Learners then explore inferential statistics, covering probability, hypothesis testing, correlation, regression, and analysis of variance. The course emphasizes the interpretation of clinical trial data, epidemiological studies, and public health research. Special focus is given to statistical significance, confidence intervals, and p-values, helping students critically assess medical literature. Practical training introduces statistical software to analyze and interpret real medical datasets. Ethical considerations in data handling, reporting, and avoiding bias are also highlighted. By integrating theory with hands-on practice, the course equips future healthcare professionals and researchers with the skills to apply statistical reasoning in diagnosis, treatment evaluation, policy-making, and evidence-based practice, thereby improving healthcare outcomes and advancing scientific research. Ø§Ù„Ù…Ø¹Ù‡Ø¯ Ø§Ù„Ù‚ÙˆÙ…Ù‰ Ø§Ù„Ø¹ÙµØ§Ù

Languages in Arabic Category's Courses

Course Lesson(5)

Lesson 1 :
Medical Statistics 1 Introduction Ù…Ù‚Ø¯Ù…Ø© Ø¥Ù‰ Ø§Ù„Ø§Ø¹Ø§Ø¡Ø§Øª Ø§Ù„Ø¹ÙµØ©

Lesson 2 :
Medical Statistics 2 Classification of epidemiological research methodology Ø³Ø¡Ù†ÙŠÙ Ø·Ø±Ù‚ Ø§Ù„Ø¨ØØ« Ø§Ù„Ø¨Ø§Ø¡ÙŠ

Lesson 3 :
Medical Statistics 3 epidemiological Descriptive study Ø§Ù„Ø¯Ø±Ø§Ø³Ø§Øª Ø§Ù„Ù‚Ø¡ÙŠÙ©Ø© Ø§Ù„Ù‚Ø¨Ø§Ø¡ÙŠÙ©

Lesson 4 :
Medical Statistics 4 Epidemiology Research Methodology Ø³Ø¡Ù…ÙŠÙ… Ø§Ù„Ø¨ÙˆÙ« Ø§Ù„Ù‚Ø¨Ø§Ø¡ÙŠÙ©

Lesson 5 :
Medical Statistics 5 Observational Descriptive Study Ø§Ù„Ø¯Ø±Ø§Ø³Ø§Øª Ø§Ù„Ù‚ÙµÙŠÙ©

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