



تحليل بيانات الوبائيات المتقدم في العربية

Duration: 5 Days

Language: ar

Course Code: IND5 - 149

Objective

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

- Understand advanced statistical methods used in epidemiological analysis.
 - Develop proficiency in data management and preparation.
 - Analyse epidemiological data using advanced statistical software.
 - Interpret and communicate findings effectively.
 - Apply data analysis techniques to real-world epidemiological research.

Audience

:This course is intended for

- Epidemiologists
- Public health professionals
- Medical researchers
- Data analysts in health sciences
- Graduate students in public health and epidemiology

Training Methodology

The course employs a blend of instructional methods, including

- Interactive lectures
- Hands-on data analysis sessions
- Group discussions and case studies
- Expert-led Q&A sessions
- Comprehensive course materials and resources

Summary

This advanced course provides a deep dive into epidemiological data analysis, equipping participants with the skills and knowledge to handle complex data sets and derive meaningful insights. Through theoretical instruction and practical application, participants will learn advanced statistical techniques, data management strategies, and interpretation methods essential for epidemiological research.

Course Content & Outline

Section 1: Introduction to Epidemiological Data Analysis

- Overview of Epidemiological Study Designs
 - Types of epidemiological data
- Introduction to statistical software for data analysis

Section 2: Data Management and Preparation

- Data cleaning and transformation
 - Handling missing data

- Creating and managing data sets

Section 3: Advanced Statistical Techniques

- Regression models: linear, logistic, and Cox proportional hazards
 - Survival analysis techniques
- Multilevel modelling and repeated measures analysis

Section 4: Interpretation and Communication of Results

- Interpreting statistical outputs
- Visualising data and results
- Communicating findings to different audiences

Section 5: Practical Applications and Case Studies

- Hands-on data analysis practice with real-world datasets
- Developing research questions and analysis plans
 - Case studies and collaborative problem-solving
- Course review and expert Q&A

Certificate Description

عند إتمام هذه الدورة التدريبية بنجاح، سيحصل المشاركون على شهادة إتمام التدريب من Holistique Training. وبالنسبة للذين يحضرون ويكملون الدورة التدريبية عبر الإنترنت، سيتم تزويدهم بشهادة إلكترونية (e-Certificate) من Holistique Training.

وخدمة اعتماد التطوير المهني (BAC) معتمدة من المجلس البريطاني للتقييم Holistique Training تقدم شهادات ISO 29993 أو ISO 21001 كما أنها معتمدة وفق معايير، (CPD) المستمر.

لهذه الدورة من خلال شهادتنا، وستظهر هذه النقاط على شهادة إتمام (CPD) يتم منح نقاط التطوير المهني المستمر واحدة عن كل ساعة CPD يتم منح نقطة، وفقاً لمعايير خدمة اعتماد Holistique Training التدريب من لأي دورة واحدة نقدمها حالياً CPD حضور في الدورة. ويمكن المطالبة بحد أقصى قدره 50 نقطة.

Categories

الاستشارات والخدمات, الصحة والسلامة والبيئة, الرعاية الصحية والصيدلانية

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