

DST108 - DATA COLLECTION AND ANALYSIS IN HEALTHCARE - Kozaklı Meslek Yüksekokulu - Veri Tabanı, Ağ Tasarımı ve Yönetimi
Bölümü

General Info

Objectives of the Course

This course aims to provide fundamental knowledge and skills in the accurate collection, organization, analysis, and interpretation of data in the field of health.

Course Contents

The collection of health data; data types; data collection instruments; sampling methods; basic statistical concepts; graphical representations; measures of central tendency and dispersion; software used in the analysis of health data; health reporting and interpretation.

Recommended or Required Reading

Course Notes

Planned Learning Activities and Teaching Methods

Lecture, practical application, computer-assisted instruction, group work, assignment, group work.

Recommended Optional Programme Components

No other issues are present.

Presentation Of Course

Face to face

Dersi Veren Öğretim Elemanları

Inst. Osman Yanık

Program Outcomes

1. Explains data types specific to the field of health and the methods used for data collection.
2. Classifies and organizes collected health data in an appropriate manner.
3. Analyzes health data using basic statistical methods.
4. Presents the obtained data using graphs and tables.
5. Interprets and reports analysis results within the context of the health field.

Weekly Contents

Order	PreparationInfo	Laboratory	TeachingMethods	Theoretical	Practise
1				Introduction to health data and basic concepts	
2				Data types and sources	Data types and sources
3				Data collection methods	Data collection methods

Order	Preparation Info	Laboratory	Teaching Methods	Theoretical	Practise
4				Survey and observation instruments	Survey and observation instruments
5				Sampling methods	Sampling methods
6				Classification and organization of data	Classification and organization of data
7				Graphical representation methods	Graphical representation methods
8				Midterm Exam	
9				Arithmetic mean, median, mode, standard deviation, and variance	Arithmetic mean, median, mode, standard deviation, and variance
10					Use of Excel and SPSS software in the analysis of health data
11					Use of Excel and SPSS software in the analysis of health data
12					Frequency tables and cross-tabulations
13				Preparing reports using health data	Preparing reports using health data
14				Interpretation of results	Interpretation of results

Order PreparationInfo Laboratory TeachingMethods Theoretical**Practise****15**General review and practical
examplesGeneral review and practical
examples

Workload

Activities**Number****PLEASE SELECT TWO DISTINCT LANGUAGES**

Uygulama / Pratik

1

14,00

Ödev

2

14,00

Final

1

1,00

Alan Çalışması

2

14,00

Final Sınavı Hazırlık

1

14,00

Laboratuvar

1

7,00

Assesments

Activities**Weight (%)**

Activities**Weight (%)**

Final

60,00

Uygulama / Pratik

40,00