

Course title: Data Analytics for HR

Instructor: Hasraddin Guliyev

What you will gain:

- What Human Resource Analytics means;
- Types of analysis;
- How to use analytics in HR projects;
- The most commonly used HR Metrics.

Requirements: Computer, Internet Connection

Purpose: Our goal is to support professionals to make the more active use of human resource analytics, an emerging field, in institutions.

Target group:

- Students interested in data sciences;
- Those who want to build a career in Human Resources;
- Those who want to study people psychologically and demographically.

Office hours : 24 Hours

Type of Course: Mandatory

Teaching Method(s): Workshop (or on Zoom)

Scope : 1.5 month

Course Overview & Objectives

With this program you can further develop your knowledge or get the result you learn. The Human Resource Analytics course is an education that aims to create a human resource analyst who has mastered aspects of human resource analytics and is equipped with both human and technical resources. This program allows you to further develop your knowledge. The Human Resource Analytics course is an educational program that enables you to become a human resource analyst who has mastered all aspects of human resource analytics, both technically and theoretically equipped.

Lessons plan:

Lesson #	topic
1	What is HR analytics?
2	HR information systems and data, data types
3	Descriptive Statistics
4	Hypothesis test and a sample t-test
5	Independent Sample T-test and Mann Whitney U test
6	Ki-square Tests
7	Correlation Analysis
8	Introduction to Regression Models
9	Linear Regression Model and Evaluation Model
10	Linear Regression Model Testing and Modeling Steps
11	Introduction to the Logistic Regression Model
12	Classification Performance in the Logistic Regression

Course Requirements, Assessment and Grade Structure:

- Mandatory attendance: Attendance and active participation in the lessons contribute to meaningful learning. An attendance rate of less than 70% will result in expulsion from the course. Attendance in Zoom lessons requires opening the camera, according to college regulations.