

# Hands-On Labs

# Data Mining: WEKA

## Assignment #3

Dr. Esam Othman

Dr. Abeer Mirdad





Choose two distinct datasets from the UCI Machine Learning Repository for an association task.  
For each dataset, complete the following steps:

01

## Dataset Analysis

- Select a dataset and study it.
- Write a short report that describes the problem.

02

## Data Preparation

- Prepare the input file in the rtff format to ensure compatibility with the WEKA tool.

03

## Model Development

- Use the WEKA tool to analyze the dataset and develop an appropriate model.
- Discuss your findings, including the model's accuracy and any other relevant evaluation metrics.

Please refer to the UCI Machine Learning Repository for dataset selection:

<http://archive.ics.uci.edu/ml/index.php>

Complete all parts of the assignment and ensure your report clearly documents your methodology, analysis, and insights.