

# EAST WEST UNIVERSITY

CSE77

Data Mining

Section: 01

Fall2023

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Lab Assignment

Dataset: <https://www.kaggle.com/datasets/ritwikb3/land-mines-detection>

Details: Data collection, Data normalization, and Data representation are used as preparation processes in this study. This dataset had no missing values so we did not have to fill in the missing values. This also had no unnecessary data so I did not have to reduce our data. After importing libraries, I read our data. I checked if I had a null value or not. I put the first 225 values in the X train and the other 110 values in the X test. The same goes for the Y train and the Y test. After scaling we trained the model. I used the model SVM, logistic regression, and Decision Tree. My results:

Models	Test Accuracy	Train Accuracy	Precision	Recall
SVM	79	84	80	79
Logistic Regression	54	54	53	54
Decision Tree	61	100	61	60