EARTHQUAKE ANALYSIS
using machine learning

Model used:

RANDOM FOREST CLASSIFICATION

70%

Accuracy

THIS CLASSIFICATION MODEL HELPS US TO CLASSIFY THE BUILDINGS ACCORDING TO THEIR DAMAGES BEFORE THE EARTHQUAKE BASED ON THE PAST EXPERIENCES IN THAT AREA.

APPLICATION

USING THE DATA WE CAN BUILD BUILDINGS USING APPROPRIATE COMPOSITION TO OVERCOME THE DAMAGE INTENSITY OF THAT PARTICULAR AREA

DEVELOPMENT

TO IMPROVE THE ACCURACY OF THE OUTPUT WE CAN USE CONVOLUTIONAL NEURAL NETWORKS