عنوان فارسی مقاله:
تصمیم گیری خودکار با استفاده از پایگاه داده های کثیف: کاربرد تشخیص سرطان پروستات

عنوان انگلیسی مقاله:
Automatic Decision using Dirty Databases: Application to Prostate Cancer Diagnosis
IV. CONCLUSION

We have built two data sets obtained from a clinical database that contains samples from patients who have been diagnosed with prostate cancer by an expert urologist. One of the data sets contains raw data without preprocessing (Dirty Data). The other’s data (Clean Data) is the result of applying different preprocessing techniques to the original data.

Next we have designed two implementations of a multilayer perceptron, which is an ANN based on the supervised learning paradigm. Each of the MLP implementations has been trained, validated and tested using one of the data sets.