A Study Into The Applications of Machine Learning in The Prognostication of Breast Cancer

Department of Computing

Letterkenny Institute of Technology

Machine Learning

Ultan Kearns & Liam Millar

Abstract—**Machine Learning has been used in a variety of healthcare areas and has proven to be very successful in many areas from identifying similarities in different strains of DNA to predicting the prognosis of many types of cancers. This paper aims to analyze which methods would be best suited to identifying the prognosis of breast cancer.**
keywords - Machine Learning, Breast Cancer

I. INTRODUCTION

Machine learning has many benefits in the healthcare industry

A. *Explain about breast cancer & prognosis cite statistics*

B. *Introduction to machine learning methods and what machine learning is*

C. *talk about expert systems?*

D. *Discuss various uses of machine learning in medicine today*

II. METHODOLOGY

A. *Describe what we did*

B. *Describe algorithms and methods we used*

C. *Talk about the*

III. APPLICATIONS

A. *discuss future of ML in healthcare*

B. *Talk about applications of our model*

C. *Talk about various improvements which may be made in future*

IV. CONCLUSION