

Medicine Recommendation System Using Review Mining

Vishal Deshmukh¹ and Dipeak Daigade²

Assistant Professor, Department of IT¹

Student, P.G. Department of IT²

Veer Wajekar ASC College, Phunde, Uran

Abstract: *In this dynamic era of rapid technological advancement, the integration of digital technologies in the field of healthcare has widely proven to be a commendable innovation. The project aims to contribute effectively in healthcare sector by providing aid to people by the means of internet. It aims to provide reliable recommendation to patients with diseases on the basis of their medical records, health condition, reviews by patients on medications they received and ratings. The project works on Natural Language Processing, followed by training of the model, analysing its performance and improving it. The project works on two principle components: Review Mining and Rating Analysis. Review Mining is based on Sentiment Analysis of Reviews to comprehend the reviews of the patients. Rating Analysis will help us to determine the effectiveness of certain medicines which in turn will provide us a comparative efficacy of the medicine to cure respective diseases.*

Keywords: Machine Learning, Medicine Recommendation, Review Sentiment, Sentiment Analysis, Feature Extraction

