

Stop Diabetes Movement

*Sunila.U.Datar, **Daksha.A.Gurav

Abstract

Nearly 52% of Indians aren't aware that they are suffering from high blood sugar. By 2030, India's diabetes numbers are expected to cross the 100 million mark.-International Diabetes Federation. Its serious major social health issue and hence decided to analyze this using statistical techniques. For this research we did data analysis with the help of SPSS, EXCLE and MINITAB.

In our research we are interested in finding Factors which affect blood sugar level (fasting and Postprandial), Awareness of patients towards diabetes, Various health disorders in type 2 Diabetes patients, Ideal lifestyle for Type 2 Diabetes Patients. We used Multiple regression model to predict blood sugar of upcoming month.

Keyword: Multiple Linear Regression, Graphical techniques, Cross-tabulation, Odds ratio

*Dept. of Statistics, Mithibai College, Mumbai. suni6988@gmail.com)

**Dept. of Statistics, Mithibai College, Mumbai. daksha25689@gmail.com