Project 1: Healthcare – Persistence of Drug

Team Details:

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Problem Description:

The major challenges faced by almost all of the Pharmaceutical Companies is that they are trying to find an analytical solution for automating the problems involved in finding the persistence of drug as per the physician prescription.

Data Understanding:

Medical prescription Dataset based on the person age, race, sex, problem, prescribed medicine. It is an Excel .xlsx file format with total of 891kb of file storage with 3424 rows and 69 columns. Solution is to build a Classification for the Dataset for the better overview for each of the patient details.

Problems and approach to solve it in Dataset:

NA Values = 0 (as per the instructive algorithm isnull and iloc)

Count of Risk

	Dexa_Freq_During_Rx	Count_Of_Risks
count	3424.000000	3424.000000
mean	3.016063	1.239486
std	8.136545	1.094914
min	0.000000	0.000000
25%	0.000000	0.000000
50%	0.000000	1.000000
75%	3.000000	2.000000
max	146.000000	7.000000

It refers to that almost 25% of the risk Factors are considered to be null value and not the exact risk state of the patient.