

Data Analysis with Mathematical Approaches

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1 Abstract

In recent years, researchers have been more interested in data mining due to its growing demand. Especially in the analysis of big data sets, mathematical approaches are highly popular.

In this project, massive amounts of data received through open access from the United States Food and Drug Administration (FDA) Adverse Event Reporting System will be evaluated with specific softwares and using mathematical approaches we will try to recommend some ways to reduce the incidence of side effects in drug dose and usage.