

Sensitivity Analysis: Effect of the Change in the Data

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Abstract

Now a day the data are changed frequently in the all industry and in the all services sectors. So for getting the proper effect this analysis works. This analysis shows the impact of the changing one data in the other one. Optimal solution is always found under deterministic assumptions. This means that we assume complete certainty in the data and relationship of variables- for eg. Prices are fixed, resources are known, and time needed to produce is known. But in real world available resource and prices are changes frequently and thus other approaches are less useful. So for getting the proper result the sensitivity analysis is helpful. These measure the relationship between the two or more variables of the data. The aim of this paper is to see the impact of these approaches on the other variables and to see the problem facing by the researcher and/or users of this application for the finding relationship.

Keywords: *sensitivity analysis, optimal solution, relationship between data.*