

Evidence 2

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Tuesday June 13th 2023

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Decision Support Analysis

I found out that linear programming is an important mathematical optimization technique used to solve complex problems related to resource allocation, decision making, and optimization. It has various applications in various fields such as economics, business, engineering, logistics, and operations research. As well, forecasting is a crucial tool for organizations and individuals alike, as it provides valuable insights into the future, allowing for better planning, decision-making, and risk management. Also, I understood that linear regression is a statistical modeling technique that is widely used for understanding and predicting the relationship between a dependent variable and one or more independent variables. Some of the challenges that I faced was the difficulty of some programming methods, also understanding the specific and technical terms of programming, and finding the right way to make the codes correctly. I really enjoyed the learning path of this class because I learned all these new concepts and practical knowledge, with an easy explanation and a well structured evaluation.