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(57) Abstract :

[06] In this work, data science is considered from a cyber perspective in two viewpoints. After a brief review of cybernetics, a partial conceptual view of a data science framework is provided. Several layers are identified, working from the macro perspective of the software engineering life cycle of a data analysis system, through the production of a machine learning model to extract knowledge and predict commercial and product trends, to the micro perspective of a specific analysis, in this case using an artificial neural network. It describes how the layers, individually and collectively, fit together in a cybernetic system, identifying feedback loops and their interactions. Finally, the advantages and disadvantages of understanding the modern data science lifecycle from the perspective of cybernetics and the insights that can be gained from this perspective are discussed. Accompanied Drawing [FIG. 1][FIG. 2] [FIG. 3] [FIG. 4] [FIG. 5][FIG. 6] [FIG. 7]

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