

A Workflow Design Process for Public Healthcare Knowledge Discovery

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Technology Summary

The field of data mining and knowledge discovery is still emerging; however, no one has shown how to integrate a wide variety of methods that may be necessary to mine knowledge from data in a particular domain. This workflow design for an analyst contains an adequate description of how to integrate methods and tools incorporating all the major steps of knowledge discovery and the links connecting them. This workflow design can be used to generate customized analytical pathways through a process graph to allow the analyst to proceed from a purely descriptive account of data toward a causal analysis that reveals the underlying mechanisms that generated the data. This workflow has been generated to aid knowledge discovery in the domain of public healthcare data.

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