

A Study of Process Historical Data Analysis Using Multidimensional Visualization

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Visualization of multidimensional data is a challenging task. The goal is not only the display of multiple data dimensions, but generation of shapes to increase the user comprehension of multidimensional data.

This paper describes a study of a multidimensional visualization for process historical database analysis. The visualization technique uses parallel coordinates which visualize multidimensional data using two dimensional presentation and allow identification of cluster and outlier, thus helps us to detect abnormal events effectively.