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An Improved Data Visualization Approach for Monitoring and Analyzing Business Performance Using SAS/QC® Control Chart and SAS/GRAPH® Annotate Techniques

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ABSTRACT

Monitoring and analyzing business performance have been proved difficult, especially in today's intricate business environment. Customized Control Chart using SAS® annotate facility, however, can provide a very useful data technique to visualize complicated business information with manageable data visualization results. This poster introduces an improved technique for statistical process control visualization. Combined SAS/QC® control chart with SAS/GRAPH® annotate technique, the improved control chart can be used to customize highlight out-of-control signals and potential root causes. Furthermore, the authors applied customized annotate library to leverage business impact with different the potential root causes.

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