Practice of Statistics in Industrial Manufacturing

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Abstract

Broadly speaking, we tend to pursue a key point to bridge the gap between the theoretic methodology and the practical application, but it does not seem completely and successfully fulfilled at present. In order to face and conquer this problem, we have to get a good understanding in what the gaps are, when the gaps will occur, how we can solve them in time, and what should be noticed during the development of theoretic research. In this talk, I would like to share my 12-year experience of cooperation research with industrial enterprise. In particular, the issues about irregular data format, time constraint, causality clarification and manpower coordination will be discussed. This talk aims to inspire the statisticians and to lead to more insight and discussions.