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Planning for Success: The Importance of Statistical Engineering

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The International Statistical Engineering Association (ISEA) defines statistical engineering as “the discipline dedicated to the art and science of solving complex problems that require data and data analysis.” Statistical Engineering emphasizes the importance of understanding the problem and its context before developing a problem-solving strategy. While this step may appear obvious, it is often overlooked or rushed through in the haste to deliver. Yet the decisions that we make (or fail to make) at the beginning set the trajectory for either success or failure. This presentation will provide an overview of ISEA and key principles of statistical engineering as well as provide case studies to highlight the importance of these principles.

Type of presentation

Talk

Classification

Mainly application

Keywords

Statistical Engineering, Problem Solving

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