

Quantifying the Number of Berries to Make a Schwartzbeere Pie: An Investigation

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Abstract: The presenter bakes schwartzbeere (blackberry) pies using berries from his garden. He has often wondered about the number of berries needed to make a pie. This year, when the berry plants began producing, he launched an independent study to find the answer. Surprisingly, once the data began to fill the worksheet, the scope of the study expanded. This presentation will review the statistical methods used to derive an answer to the original question and others that went beyond the initial scope of the study.

Keywords: statistical methods, regression analysis, process control charts