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Step 1 - Recognition of and statement of the problem. Step 2 - Selection of the response variable. Step 3 - Choice of factors, levels and range. 1.3. Suppose that you want to compare the growth of garden flowers with different conditions of sunlight, water, fertilizer and soil conditions.

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Step 1 of 2. The three steps of the guidelines for designing the experiments. Step 1: Recognition of and statement of the problem. Objective of the experiment is to judge the popcorn quality and the number of unpopped popcorns. Step 2: Selection of the response variable. (i) Taste scale. (ii) Unpopped popcorns.

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Douglas C. Montgomery, Regents' Professor of Industrial Engineering and Statistics at Arizona State University, received his B.S., M.S., and Ph.D. degrees from Virginia Polytechnic Institute, all in engineering. From 1969 to 1984, he was a faculty member of the School of Industrial & Systems Engineering at the Georgia Institute of Technology; from 1984 to 1988, he was at the University of ...

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