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In this talk I will present the outcome of a project that was infused in my College Algebra classes in 2006/2007 and which resulted from a summer internship in local industry. Real-world quality control data was collected and given to students to analyze, manipulate and draw conclusions from. The project's goals were to: show how mathematics is being used in industry, show how powerful mathematics is in analysis and decision-making process, learn how to acquire certain skills required in the work place, and link to Critical Thinking Skills: Critical Analysis, Synthesis and Assessment and Decision Making and Problem Solving. I will give an overview of the nature of the project and present some of the students' feedback. (Received September 04, 2007)