

Loading the Bases: Teaching a Statistics Course With the WWW, the Smart Board, and Baseball

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Each Spring, a statistics elective is taught at the United States Military Academy that uses baseball as the source for its data sets. Conventional statistics measures are combined with Sabermetrics, unique statistics specific to Major League Baseball. This course is taught in a high-technology classroom. During classes, students downloaded data from up to a dozen websites, and they analyzed that data with computer algebra systems and spreadsheet regression tools. Classes were captured on a Smart Board interactive whiteboard and linked directly to student file managers. This presentation will outline our efforts to integrate the Web and Smart Board in engaging students in statistics. Sample projects will be presented.