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Brian R Powers* (brpowers@asu.edu). *StatPowers - A Simple Web-Based Statistics Suite for Introductory Statistics*. Preliminary report.

It is increasingly important to teach statistics using technology. But in an introductory course, why should students need to download a software package designed for the most advanced analysis with a daunting learning curve. In an effort to provide a free, web-based solution, I have been developing StatPowers.com, an exceedingly easy to use platform to carry out any analysis a student in a typical Introductory Statistics course would have to perform. It comes equipped with probability calculators for the common distributions as well as custom discrete and continuous distributions. Students can carry out analysis on 1, 2 or N independent samples, paired samples, contingency tables and perform multiple regression. The interface is simple and compact, and it has been developed in HTML and JavaScript, allowing client-side processing. (Received August 16, 2018)