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Nicole Juersivich* (njuersi9@naz.edu), njuersi9@naz.edu, and **Matt Hoffman**. *Data Integration in Undergraduate Mathematics Education*. Preliminary report.

We will describe our efforts in creating and evaluating the impact of teaching modules based on real-world data so that students have authentic experiences that support and motivate the investigation of concepts and techniques in calculus and linear algebra. Specifically, we looked at (1) how student disposition toward real-world data and the use of technology as a mathematical tool evolved in a course that used the modules and (2) how the completion of the data-driven and technology-integrated modules impacted student achievement in the course. We are currently in year 2 of this 3 year research study and have collected data from pre and post-module student surveys, pre and post-module student focus groups, student final exam scores, instructor journals, and instructor interviews from multiple courses across both a large technical university (RIT) and a small comprehensive college (Nazareth College). (Received September 07, 2018)