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**Matthew Chapman**

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**Dr. Erin Martin**

Associate Professor of Mathematics and Chair of Data Science & Mathematics

William Jewell College

500 College Hill

Liberty MO, 64068

Dear Dr. Martin,

As a DTS 350 student, I learned material that will enable me to perform excellent data analysis in any field. Throughout the class, I used data sets from biology, business, politics, geography, and many other potential career fields as I completed my case studies, tasks, and projects.. When I began this class I was unfamiliar with R and RStudio, but now I am very confident with my ability to use RStudio to conduct exceptional data analysis and display it in a visualization that communicates the important information that the reader can effortlessly understand.

As you witnessed in my DTS 400 internship presentation, I have been able to translate the knowledge I learned in the class into real-world work. For my school-arranged internship I successfully imported data into RStudio, cleaned the data, analyzed the data, and created a R Markdown html report that will aid my manager in requesting more money for the grant that I worked on.

I believe that I deserve an A. In my final project I created interactive visualizations with maps and animations, which happen to be the more difficult content in the course. As stated earlier I also discovered a way to translate the content of this course into real-world work. Per the reasons listed above, I genuinely believe that I mastered the content of the course.

Sincerely,

**Matthew Chapman**