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## Miniproject 3: Texting Lesson

**Overview:** In this miniproject you will use technological tools to turn data and into models of real-world quantitative phenomena, then apply the principles of the derivative to them to extract information about how the quantitative relationship changes.

**Prerequisites:** Sections 1.1–1.8 in *Active Calculus*, a notion of what the key ideas are and the ability to explain them

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### 1. Getting to the Project:

Go to [overleaf.com](https://overleaf.com) and create an account. Once you are logged in you will see a screen that lets you create projects. First download the zip file [here](#) and then upload it on overleaf by clicking on the arrow of the image



2. Now you should see a project that contains the instructions, but you need to tweak one additional setting. Click on the gear icon in the upper left corner by your username. Under the Project Settings change the LaTeX engine to be XeLaTeX. Now the project should appear. You edit the code on the left and the output gets displayed on the right. Good luck.

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**Submission instructions:** The writeup that you prepare is to be saved as a PDF file (using the PDF link at the top of the page on Overleaf) and submitted using Canvas.