Question 4: Discuss any sources of errors in your measurements.

For our measurements, one key area that may have a lot of potential error resides in how we let go of the cart/sled. Were we pinching it to release or letting go or did we use a piece of string to let go? By pinching the cart, we may be giving it a little more force rather than simply letting go and letting the mass and gravity do the work. Another area that may give some errors was how we measured the acceleration. We used the spoke to measure how fast it spun to give an idea of what the acceleration might have been. However, when deciding which data to use due to the large amounts of data it outputted, we may have erred in our chosen data and might have left out some crucial pieces of information. Based on the average acceleration and how little is deviates, this may not be the case and we have successfully collected a sufficient amount of data to comfortably find an average acceleration.

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