

Introduction to Markdown

Author's Name
Date

Introduction Section

Here is the text of your introduction. When we run out of real words, we will use some Latin *Lorem Ipsum* filler. (Watch out and make sure you match the italics font in the previous sentence, and the boldface font where it occurs in this document.) But first, a math centered formula/equation.

$$\alpha = \sqrt{\beta}$$

To find out more of the kinds of math elements that can be included in Markdown, we can go to site `http://www.malinc.se/math/latex/basiccodeen.php`. Note the preceeding is formatted as a code/verbatim element, while what follows is a true link: [LaTeX Math Web Page \(http://www.malinc.se/math/latex/basiccodeen.php\)](http://www.malinc.se/math/latex/basiccodeen.php). We can also have the above as a formula in the middle of a line, like so: $\alpha = \sqrt{\beta}$.

Introduction Subsection

Here, we have a subsection subordinate to the **Introduction Section**. In this, we have some Lorem Ipsum:

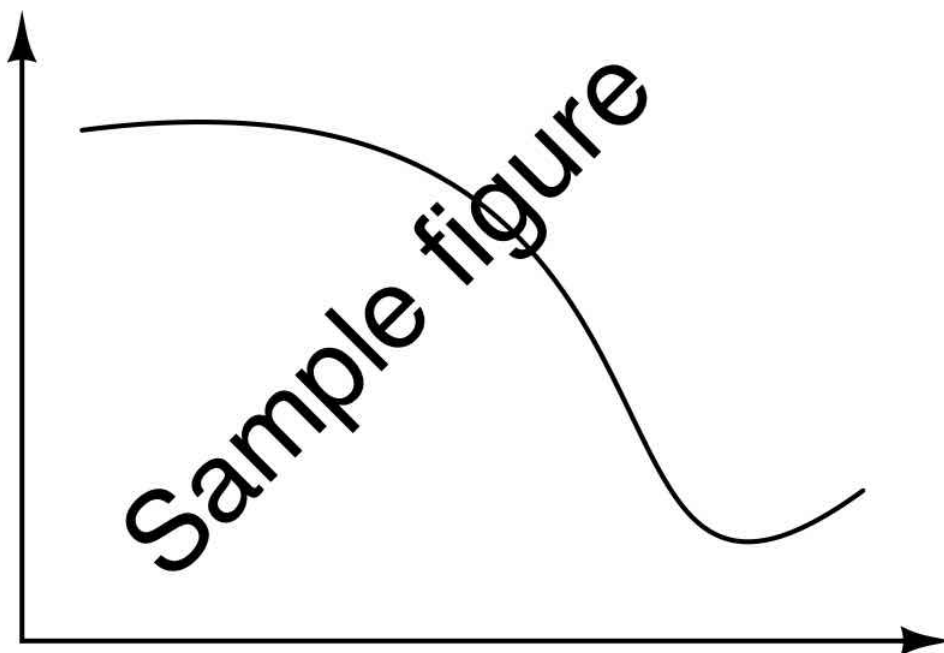
Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum. Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Analysis Section

We move back to a section level that is equivalent to the Introduction Section. Here, we will pick up another couple of important Markdown items, like a numbered list, with some elements have a bulleted list inside the numbered list.

1. This is the first item.
 - We have one bullet.
 - And a second bullet.
2. This is the second item.
3. And a third item.

We also want to be able to include a figure. In the directory with the instructions is a PDF figure, named `myfigure.pdf` that you should incorporate into your Markdown like is shown below:



At this point, it is ok for the figure to take up the width of the output. We will learn some techniques for greater control later.

A subsection subordinate to the analysis section

We will wrap up with a basic table, in which there are three columns, with the first and third columns left justified and the middle column centered:

Key	Value	Description
A	5	The A key is first
B	-23.5	The B key is second
C	42	The answer to life, the universe, and everything