



The Main Title of this paper

A Custom Project For XYZ Research

Your Name Here

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This is the template for a producing a long form paper or article. This text will go below the title and above the first section heading.

Top-Level Section Heading

The formatting is done in Markdown.

You can write LaTeX: $\sum_1^p ia^2$

And you can write full equations using the double-dollar sign notation:

$$\alpha \subset \beta + \Sigma + \frac{\pi = 3.14152}{\text{eleven}}$$

Second-level heading

Here is how to create a hierarchy of sections within your paper.

Embedding R Code

You can calculate numbers on the fly $2 + 3 = 5$.

Use the `knitr::kable` function in an `asis` block to make nice tables:

```
knitr::kable(head(cars))
```

speed	dist
4	2

speed	dist
4	10
7	4
7	22
8	16
9	10

And use markup to make plain-text show up in a nice box:

```
print(summary(cars))
```

```
##      speed      dist
##  Min.   : 4.0   Min.   : 2.00
##  1st Qu.:12.0   1st Qu.: 26.00
##  Median :15.0   Median : 36.00
##  Mean   :15.4   Mean   : 42.98
##  3rd Qu.:19.0   3rd Qu.: 56.00
##  Max.   :25.0   Max.   :120.00
```

```
plot(cars)
```

