

First R markdown file

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Hello world!

First line.

Second line.

Third line.

italic *this way*

bold face **like this**

subscript~lower~

superscript^raised^

strikethrough ~~for mistakes~~

First level

Second level

Third level

...

Six level!

lists are easy

- first item
- second item

- third item, and yes it will keep everything aligned just as it should be for longer text!
 - subitem
 - sub-subitem

All musicians are subconsciously mathematicians

Thelonious Monk

Use single backtick for in-line emphasis `like this`.

Show literal text as `3 + pi`.

Start with `r` to get it to run code like this 6.1415927.

Code fencing

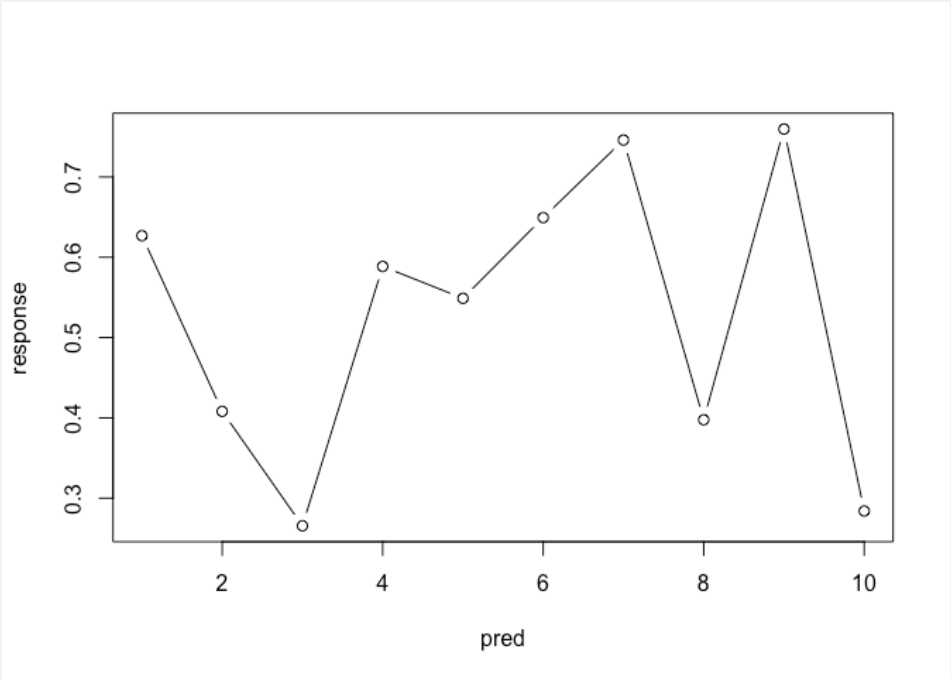
```
# Comments are important!
pred <- seq(1,10) # make a vector of integers from one
to 10
response <- runif(10)
print(response)

# now plot a graph
plot(x=pred,y=response,type="b")
```

```
# Comments are important!
pred <- seq(1,10) # make a vector of integers from one
to 10
response <- runif(10)
print(response)
```

```
## [1] 0.6268822 0.4081183 0.2655554 0.5886308
0.5488666 0.6494382 0.7460483
## [8] 0.3976092 0.7597053 0.2839504
```

```
# now plot a graph
plot(x=pred,y=response,type="b")
```



Links

<http://example.com>

[linked phrase](#)

A [linked phrase](#)

FIRST HEADER	SECOND HEADER
Content Cell	Content Cell
Content Cell	Content Cell

```
library(knitr)
kable (head(iris))
```

Sepal.Length Sepal.Width Petal.Length Petal.Width Species

5.1	3.5	1.4	0.2
setosa			
4.9	3.0	1.4	0.2
setosa			
4.7	3.2	1.3	0.2
setosa			
4.6	3.1	1.5	0.2
setosa			
5.0	3.6	1.4	0.2
setosa			
5.4	3.9	1.7	0.4
setosa			

Creating equations with `LaTeX`

An `inline` equations is bracketed by single dollar signs $3 + 5 = 8$ like this.

For more complex equations, we will render them on a single line by using a double dollar sign to bracket them:

$$3 + 5 = 8$$

Keeps this as a stand-alone piece.

Subscripts as follows:

$$H_0 = Z_{a+b_{3z}}$$

Fractions and Greek symbols

$$\alpha = \frac{\beta}{\delta + \gamma_{x=3}}$$

Summation sign

$$z = \sum_{i=1}^{J-1} K_i$$

Escaping backslash character

$$\backslash \alpha \leq b \backslash$$

Mixing plain text in LaTeX

$$P(\text{Occurrence Of Species A}) = Z$$