Title of the presentation

Author 1   Author 2

Department
Name of the institution

Name of the event – Date – Location of the event

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List, normal and alerted text

- The three main colors used in this template are blue, red and green.

- You can easily define new colors and change template colors using the command:
  `\definecolor{colorname}{rgb}{0.333, 0.333, 0.333}`

- This is some normal text, alerted text, **bold text** and *italic text*.

- This is an url: anthonycoache.ca.

Environments

Definition block

This is a definition block:

$$a^2 + b^2 = c^2.$$

Normal block
This is a normal block

Theorem block

This is a theorem block:

$$a^2 + b^2 = c^2.$$

Figures

Figure: This is an example of a figure, such as graphics and images not generated by R

Tables

Table: This is a table.

	Sciences	Biology	Whales	
$l_1^\top$	1	1	1	...
$l_2^\top$	0	1	1	...
$l_3^\top$	1	1	0	...
$\vdots$	$\vdots$	$\vdots$	$\vdots$	$\ddots$

R codes and outputs

- Text and block environments

- R codes and outputs

Set colors for R graphics

This chunk is necessary to set colors for R graphics. If you change colors, change them in this chunk too. Don't forget to change `echo = FALSE` to not show this on your slides.

```r
## Graphics colors
knitr::opts_chunk$set(
  background = '#FAFAFA', comment = '>'
)

mblue <- function(alpha = 1){rgb(0,0.4,0.6,alpha)}
mred <- function(alpha = 1){rgb(0.9,0.3,0,alpha)}
mgreen <- function(alpha = 1){rgb(0,0.6,0.35,alpha)}
```

R outputs

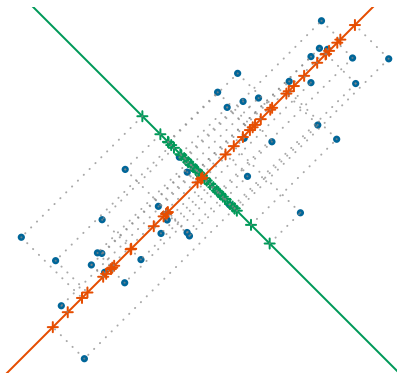This is how you can call R code and display results.

```r
data('mtcars')
mtcars$gear <- factor(mtcars$gear,levels=c(3,4,5),
    labels=c("3gears","4gears","5gears"))
mtcars$am <- factor(mtcars$am,levels=c(0,1),
    labels=c("Auto","Man"))
mtcars$cyl <- factor(mtcars$cyl,levels=c(4,6,8),
   labels=c("4cyl","6cyl","8cyl"))
head(mtcars)


>                   mpg  cyl disp  hp drat    wt  qsec vs   am   gear carb
> Mazda RX4        21.0 6cyl  160 110 3.90 2.620 16.46  0  Man 4gears    4
> Mazda RX4 Wag    21.0 6cyl  160 110 3.90 2.875 17.02  0  Man 4gears    4
> Datsun 710       22.8 4cyl  108  93 3.85 2.320 18.61  1  Man 4gears    1
> Hornet 4 Drive   21.4 6cyl  258 110 3.08 3.215 19.44  1 Auto 3gears    1
> Hornet Sportabout 18.7 8cyl  360 175 3.15 3.440 17.02  0 Auto 3gears    2
> Valiant          18.1 6cyl  225 105 2.76 3.460 20.22  1 Auto 3gears    1
```

R graphics

This is a graphic where code is not showed on slides.

References

Create a ref.bib file and add the following commands in this frame:

```
\footnotesize{
\bibliographystyle{apalike}
\bibliography{ref}
}
```

Thank you!