

```
> # smaller font size for chunks  
> #library(knitr)  
> #opts_chunk$set(size = 'tiny')  
> #thm <- knitr_theme$get("bclear")  
> #knitr_theme$set(thm)  
> #options(width=78)
```

# Polling

## An Interesting Subtitle

Daniel Marcelino

Month year

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# Section Title

## Slide 2

### About

The goal of these slides is to show you that nicer beamer themes are possible

# Some References

- ▶ Reference 1  
by Author 1
- ▶ Reference 2  
by Author
- ▶ Reference 3  
by Author 3

# Considerations

## Keep in mind

All the material described in this presentation relies on 3 key assumptions:

- ▶ you've used `beamer` before
- ▶ you've used R before
- ▶ you've used `"knitr"` before

# Source

In case you're interested...

You can find the sty file and the pdf file in my website:

- ▶ .sty file at:

<http://www.gastonsanchez.com/work/slides2gwdr.sty>

- ▶ pdf version at:

<http://www.gastonsanchez.com/work/slides2gwdr.pdf>

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# Centered text

## Fundamentals

Let's start with the basic reading functions and some R technicalities

- ▶ `scan()`
- ▶ `readLines()`
- ▶ `connections`



## About reading functions in R

- ▶ The primary functions to read files in R are `scan()` and `readLines()`
- ▶ `readLines()` is the workhorse function to read raw text in R as character strings
- ▶ `scan()` is a low-level function for reading data values, and it is extended by `read.table()` and its related functions
- ▶ When reading files, there's the special concept under the hood called R `connections`
- ▶ Both `scan()` and `readLines()` take a `connection` as input

## R code

Here's some code in R:

```
> # toy example  
> some_str <- c("I", "love", "R")  
> some_str  
  
[1] "I"      "love" "R"  
  
> paste(some_str, collapse = " ")  
  
[1] "I love R"
```

# Simple Table

## A simple table

Column 1	Column 2
<code>function1()</code>	first function
<code>function2()</code>	second function
<code>function3()</code>	third function
<code>function4()</code>	fourth function
<code>function5()</code>	fifth function

Note: this is just a silly table with functions