

Big Title

An Interesting Subtitle

Your Name

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