

# Main Title

Prof. Dr. John Doe

Departamento de Automática

Date

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# Outline

1. Introduction
2. Section 1
3. Section 2
4. Section 3
5. Content
6. Figures
7. Chart
8. Some  $\text{\LaTeX}$  Examples
  - Tables
  - Source code
  - Mathematics

# Introduction

- Your introduction goes here!
- Use `itemize` to organize your main points.
  - up to 3 text levels with `itemize`
    - Indents increase level by level, font size decreases
      - Should you require more levels, use `description` instead of `itemize`.
        - Note: Please try not to write too much copy onto your slides.
- Regular **bold** italics `courier` **bold** italics.
- Description:

Word	This is a nice description
Another word	This is another nice description
- Enumeration:
  1. This is an alert
  2. This is another alert

# Section Header I

Version - white background

# Section Header 2

Version - backgroundcolour gold

# Section Header 3

Version - backgroundcolour grey

# Title and Content - Black



- Especially for pictures like x-ray
- Enter explanation text - e.g. what can be seen in the picture



# Title, subtitle and content

Enter subtitle here

Enter text, charts, pictures, ... here

# Title, subtitle and content

Enter subtitle here

Enter text, charts, pictures, ... here

# Figures

- You can upload a figure (JPEG, PNG or PDF) using the files menu.
- To include it in your document, use the `includegraphics` command (see the comment below in the source code).



Figura 1: Caption goes here.

# Sample Chart

Insert charts as images

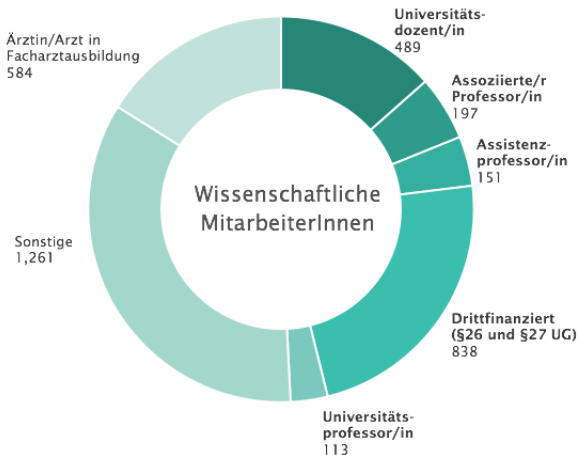


Figura 2: Caption

# Two Columns

- Left column for content
  - Can contain text, charts, pictures, ...
- Right column for content
  - Can contain text, charts, pictures, ...

# Comparison

## Headline for left column

- Left column for content
  - Can contain text, charts, pictures, ...

## Headline for right column

- Right column for content
  - Can contain text, charts, pictures, ...

# Blocks

## Block

Some examples of commonly used commands and features are included, to help you get started.

## Example Block

Some examples of commonly used commands and features are included, to help you get started.

## Alert Block

Some examples of commonly used commands and features are included, to help you get started.

# Tables

Item	Quantity
Widgets	42
Gadgets	13

Cuadro 1: An example table.



# Source code

## Python

```
#!/usr/bin/python

print("Hello , world!")

# This is a nice loop
for i in range(5):
    print(str(i) + " : Hi there")
```

```
#include <stdio.h>

int main()
{
    /* Hi */
    // Hi again
    printf("Hello , world!\n");
}
```

# Readable Mathematics

Let  $X_1, X_2, \dots, X_n$  be a sequence of independent and identically distributed random variables with  $E[X_i] = \mu$  and  $\text{Var}[X_i] = \sigma^2 < \infty$ , and let

$$S_n = \frac{X_1 + X_2 + \dots + X_n}{n} = \frac{1}{n} \sum_i^n X_i$$

denote their mean. Then as  $n$  approaches infinity, the random variables  $\sqrt{n}(S_n - \mu)$  converge in distribution to a normal  $\mathcal{N}(0, \sigma^2)$ .