

# PyVista: A Python Library for Interactive 3D Data Visualization and Analysis

## To some extent, with `markdown` package

- ▶ (Nested) bullet and numbered lists
- ▶ Text formatting (*italic*, **bold becomes italic + alerted**)
- ▶ Redefine `####` to start a block with title and `---` to end the block
- ▶ **Compile with** `-shell-escape` (Overleaf does this already)

## Caveats

- ▶ Nothing too complicated!
- ▶ No verbatim or fragile stuff!
- ▶ No `#` and `_` characters!
- ▶ (I used `\texthash` and `\textunderscore`)
- ▶ Alternatives: Pandoc, wikitobeamer

## Overview

- ▶ This is the template I created for my poster presentations. `[? ]`
- ▶ You can provide an optional `\footimage`. `[? ]`

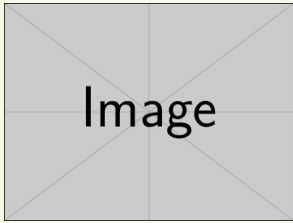
## Options

- ▶ It's based on `beamerposter`, so you can change some options:
  - size** `a0`, `a0b`, `a1`, `a2`, `a3`, `a4`
  - orientation** `landscape`, `portrait`
  - scale** a decimal number to scale the fonts

## Colour Themes

- ▶ I've included some colour themes, using the colour palettes from <http://colourlovers.com>
  - ComingClean (current theme)
  - Entrepreneur (light blue + grey)
  - Conspicuous (a bit garish!)

## Figures and images



**Figure:** An exemplary image

## This is a sample

- ▶ One, two, pick up my shoe
- ▶ Three, four, shut the door
- ▶ Five, six, pick up sticks
- ▶ Seven, eight, lay them straight
- ▶ Nine, ten, a big fat hen
- ▶ One, two, pick up my shoe
- ▶ Three, four, shut the door
- ▶ Five, six, pick up sticks
- ▶ Seven, eight, lay them straight
- ▶ Nine, ten, a big fat hen

## This is another sample

- ▶ Some maths material

$$A = U \times S \times V^T \sigma = \frac{x \times y}{\sqrt[3]{\alpha + \beta}} \quad (1)$$

## pipeTables and tableCaptions

Right	Left	Default	Center
12	12	12	12
123	123	123	123
1	1	1	1

**Table:** Demonstration of pipe table syntax.

## This is a sample of a wiiiide column

- ▶ One, two, pick up my shoe
- ▶ Three, four, shut the door
- ▶ Five, six, pick up sticks

## Bibliography

