# Demonstration slides in Beamer with Metropolis

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# Motivation

- Repeating all instructions to all students is complicated; total number of instructions is:

$$\mathcal{O}(s \cdot i)$$

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- Repeating all instructions to all students is complicated; total number of instructions is:

$$\mathcal{O}(s \cdot i)$$

- Solid chance of missing something important
- Correcting the same student errors all over again is boring

## Main approach idea

**Make example slides $\rightarrow$ Put them on GitHub**

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From the availabe data (from other similar efforts), we can assume that:

- More than 1 student will download and use the template
- More than 5 minutes of time will be saved.

# Results so far

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From the availabe data (from other similar efforts), we can assume that:

- More than 1 student will download and use the template
- More than 5 minutes of time will be saved. Likely more.

# Making the slides

# Contents

The template is a normal metropolis-themed beamer document.

Main focus:

- Focus on fast dive-in

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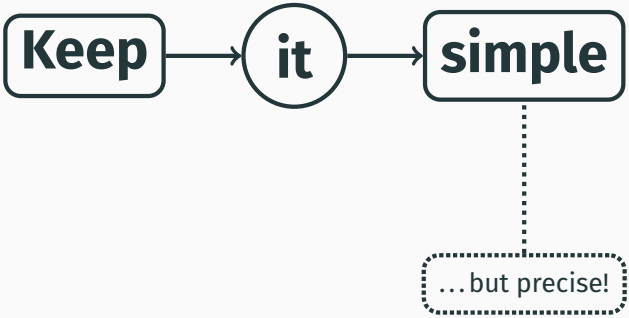
Main focus:

- Focus on fast dive-in
  - Decreases the risk of not getting to the results
  - This is what presentations should look like, right?
- Demo the common beamer tricks (pause, standout, …)

**Remember!**

**Any slides may be improved by removing 50% text and adding 100% more pictures!**

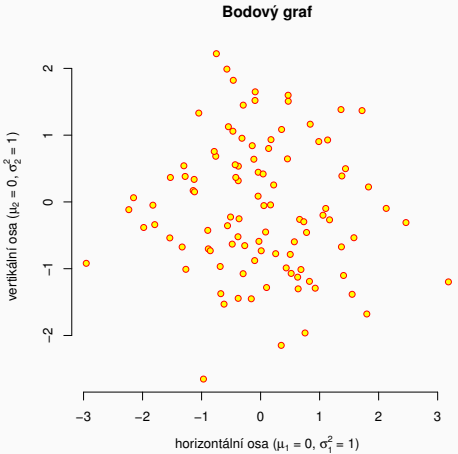
# Demo: TikZ diagram



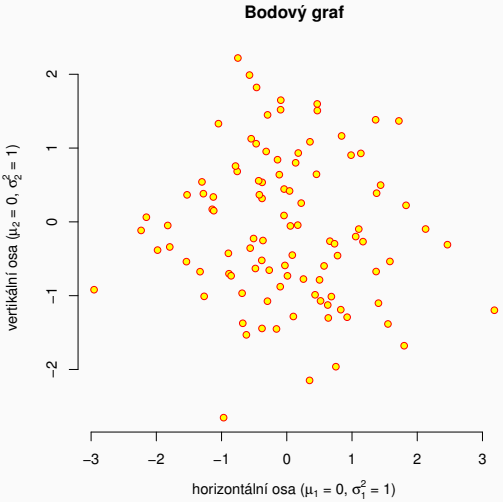
# Demo: including formatted source

```
int main() {
  printf("The answer is: %d\n", 6*7); %actually 6*9
  return 0; //no chance this didn't succeed
}
```

# Demo: showing a picture with detailed results



# Demo: showing something with comments




How we arrived at this?

1. Generated the data
2. Plotted them
3. Used a very fine red marker to circle the points

‘Advantages’ demo:

- ✔ Data is normal
- ✘ Data is sparse
- ? What now?

## Thank you for attention!

You can try the results on GitHub:

`https://github.com/exaexa/simple-mff-slides`