This is the title of our presentation

Sometimes we also need a subtitle

Ihavea Surprisinglylongname

Lehrstuhl für Datenverarbeitung

May 8, 2020

Table of contents

Title

Each frame should have a title.

Without title something is missing.

Unnumbered Lists

- Introduction to LaTeX
- Second bullet point
- And a third one
- The last one

Lists with Pause

▶ Introduction to LATEX

▶ Second bullet point

▶ And a third one

▶ The last one

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Numbered Lists

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Numbered Lists with Pause

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Tables

Title	Title	Title
First column	Second column	LaTeX
Second row	LaTeX	Last column

Blocks

This is a simple block

It should contain some text.

Example Block

This may be an example.

Warning

The violent color indicates that this block may alert of something.

Math Expressions are a Breeze with LaTeX...

$$p(x_k|Z_k) = \frac{p(z_k|x_k)p(x_k|Z_{k-1})}{\int p(z_k|x_k)p(x_k|Z_{k-1})\,dx_k} \tag{1}$$

$$w_k^i \sim w_{k-1}^i \frac{p(z_k|x_k^i)p(x_k^i|x_{k-1}^i)}{q(x_k^i|x_{k-1}^i, z_k)} \tag{2}$$

...and Bayes filtering is great!

An Overview of TUM's Colors

Color blue sRGB 100%: 0-101-189

Color green sRGB 100%: 162-173-0

Color light grey sRGB 100%: 218-215-203

Color orange sRGB 100%: 227-114-34

Splitting Screen

- Here
- is some
- text

On the	other side
there may	be a table
or even	a picture as
shown on the	next frame

Pictures in Latex Beamer Class

Figure: This is a picture!

Plain, or a Way to Get More Space

Figure: Picture again.

Don't Ever Bore the Audience with Code Listings

Listing 1: Especially when they are erroneous

```c
1 #include <stdio.h>
2
3 int main(void)
4 {
5   printf("Hallo Welt\n");
6   while (1);
7   return 0;
8 }
```