



Documentation on how to do documentation

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Predictive Analytics

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1 Introduction

This guide will elaborate on how to create other guides with a \LaTeX setup. Most programming languages are supported and this framework is intended to be used in compliance with standard \LaTeX guidelines.

2 Usage

2.1 Running the \LaTeX document

2.1.1 Requirements

You'll need to have \LaTeX installed. Also, you'll need **python** with **Pygments**:

```
1 pip3 install Pygments
```

This ensures, that you can highlight code.

```
1 def test(args):
2     for elem in args:
3         print(elem)
4         if "something" in elem:
5             out = elem
6     return(out)
```

2.2 Compiling the document

You can compile the \LaTeX document using the provided **latexrun** package or the standard **pdflatex**. The latter will not provide very useful error-prompts and the prior (**latexrun**) is suggested as an alternative.

```
1 #Using pdflatex
2 pdflatex --shell-escape master.tex
3
4 #Using latexrun
5 ./latexrun --latex-args "\-shell-escape" -0 . -o report.pdf master.tex
```

2.3 Using the .sty file

2.3.1 Code highlighting

The .sty-file provides a package for code highlights, which can be embedded in your \LaTeX documentation. Use as in this file. You can either do **inline code** or use from **file**.

You can alter the highlight-colors by changing the **usemintedstyle**-argument in your **master.tex**-file.

2.3.2 Setting up your project

In your **master.tex**-file simply put your project name into:

```
\setProject{<yourproject>}
```

... and your name into:

```
\setAuthor{<yourname>}
```

Now, everything will be added to the header as well as title.