

ESCOLINHA DE TEX

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**MEU MODELO ABNT**

Rio de Janeiro, RJ  
2025

Leonidas Caetano da Silva

## MEU MODELO ABNT

Teste

Orientador: None  
Coorientador: None

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## **AGRADECIMENTOS**

“I heard a definition of an intellectual, that I thought was very interesting: a man who takes more words than are necessary to tell more than he knows.”

Dwight D. Eisenhower

## RESUMO

## **ABSTRACT**



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## 1 ESCRIVENDO EM $\text{\LaTeX}$

### 1.1 SINTAXE

### 1.2 ESCRIVENDO SEÇÕES EM $\text{\LaTeX}$

Os títulos são controlados por comandos que inserem o conteúdo automaticamente no sumário. A sintaxe geral é `\titulo[<entrada no sumário>]{<título mostrado>}`. Cada um dos disponíveis nesse template está listado a seguir.

- `\chapter`
- `\section`
- `\subsection`
- `\subsubsection`
- `\paragraph`

Além disso, a formatação já é feita automaticamente

### 1.3 ALINEAS

### 1.4 ILUSTRAÇÕES

**Figura 1: Figura**

**Tabela 1: Exemplo de tab**

	Mês	Receita	Gasto	Lucro
0	2025-01-01 00:00:00	10000	300	9700
1	2025-02-01 00:00:00	10000	300	9700
2	2025-03-01 00:00:00	10000	300	9700
3	2025-04-01 00:00:00	10000	300	9700
4	2025-05-01 00:00:00	10000	300	9700
5	2025-06-01 00:00:00	10000	300	9700
6	2025-07-01 00:00:00	10000	300	9700
7	2025-08-01 00:00:00	10000	300	9700
8	2025-09-01 00:00:00	10000	300	9700
9	2025-10-01 00:00:00	10000	300	9700
10	2025-11-01 00:00:00	10000	300	9700
11	2025-12-01 00:00:00	10000	300	9700

Fonte: Os autores (2025)

**Quadro 1: Exemplo de quadro**

	Vaga	Descrição	Vaga.1	Descrição.1
0	Some	You must do something	Some	You must do something
1	Some	You must do something	Some	You must do something
2	Some	You must do something	Some	You must do something
3	Some	You must do something	Some	You must do something
4	Some	You must do something	Some	You must do something
5	Some	You must do something	Some	You must do something
6	Some	You must do something	Some	You must do something
7	Some	You must do something	Some	You must do something
8	Some	You must do something	Some	You must do something
9	Some	You must do something	Some	You must do something

Fonte: Os autores (2025)

**Gráfico 1: Gráfico****Quadro 2: Exemplo de longquadro**

	Vaga	Descrição	Vaga.1	Descrição.1
0	Some	You must do something	Some	You must do something
1	Some	You must do something	Some	You must do something

Continua na próxima página

## Quadro 2: Exemplo de longquadro

	Vaga	Descrição	Vaga.1	Descrição.1
2	Some	You must do something	Some	You must do something
3	Some	You must do something	Some	You must do something
4	Some	You must do something	Some	You must do something
5	Some	You must do something	Some	You must do something
6	Some	You must do something	Some	You must do something
7	Some	You must do something	Some	You must do something
8	Some	You must do something	Some	You must do something
9	Some	You must do something	Some	You must do something
10	Some	You must do something	Some	You must do something
11	Some	You must do something	Some	You must do something
12	Some	You must do something	Some	You must do something
13	Some	You must do something	Some	You must do something
14	Some	You must do something	Some	You must do something
15	Some	You must do something	Some	You must do something
16	Some	You must do something	Some	You must do something
17	Some	You must do something	Some	You must do something
18	Some	You must do something	Some	You must do something
19	Some	You must do something	Some	You must do something
20	Some	You must do something	Some	You must do something
21	Some	You must do something	Some	You must do something
22	Some	You must do something	Some	You must do something
23	Some	You must do something	Some	You must do something
24	Some	You must do something	Some	You must do something
25	Some	You must do something	Some	You must do something
26	Some	You must do something	Some	You must do something
27	Some	You must do something	Some	You must do something
28	Some	You must do something	Some	You must do something
29	Some	You must do something	Some	You must do something
30	Some	You must do something	Some	You must do something
31	Some	You must do something	Some	You must do something
32	Some	You must do something	Some	You must do something
33	Some	You must do something	Some	You must do something
34	Some	You must do something	Some	You must do something
35	Some	You must do something	Some	You must do something
36	Some	You must do something	Some	You must do something
37	Some	You must do something	Some	You must do something

Continua na próxima página

Quadro 2: Exemplo de longquadro

	Vaga	Descrição	Vaga.1	Descrição.1
38	Some	You must do something	Some	You must do something
39	Some	You must do something	Some	You must do something
40	Some	You must do something	Some	You must do something
41	Some	You must do something	Some	You must do something
42	Some	You must do something	Some	You must do something
43	Some	You must do something	Some	You must do something
44	Some	You must do something	Some	You must do something
45	Some	You must do something	Some	You must do something
46	Some	You must do something	Some	You must do something
47	Some	You must do something	Some	You must do something
48	Some	You must do something	Some	You must do something

Fonte: Os autores (2025)

Tabela 2: Exemplo de longtab

	Mês	Receita	Gasto	Lucro
0	2025-01-01 00:00:00	10000	300	9700
1	2025-02-01 00:00:00	10000	300	9700
2	2025-03-01 00:00:00	10000	300	9700
3	2025-04-01 00:00:00	10000	300	9700
4	2025-05-01 00:00:00	10000	300	9700
5	2025-06-01 00:00:00	10000	300	9700
6	2025-07-01 00:00:00	10000	300	9700
7	2025-08-01 00:00:00	10000	300	9700
8	2025-09-01 00:00:00	10000	300	9700
9	2025-10-01 00:00:00	10000	300	9700
10	2025-11-01 00:00:00	10000	300	9700
11	2025-12-01 00:00:00	10000	300	9700
12	2026-01-01 00:00:00	10000	300	9700
13	2026-02-01 00:00:00	10000	300	9700
14	2026-03-01 00:00:00	10000	300	9700
15	2026-04-01 00:00:00	10000	300	9700
16	2026-05-01 00:00:00	10000	300	9700
17	2026-06-01 00:00:00	10000	300	9700
18	2026-07-01 00:00:00	10000	300	9700

Continua na próxima página

Tabela 2: Exemplo de longtab

	Mês	Receita	Gasto	Lucro
19	2026-08-01 00:00:00	10000	300	9700
20	2026-09-01 00:00:00	10000	300	9700
21	2026-10-01 00:00:00	10000	300	9700
22	2026-11-01 00:00:00	10000	300	9700
23	2026-12-01 00:00:00	10000	300	9700
24	2027-01-01 00:00:00	10000	300	9700
25	2027-02-01 00:00:00	10000	300	9700
26	2027-03-01 00:00:00	10000	300	9700
27	2027-04-01 00:00:00	10000	300	9700
28	2027-05-01 00:00:00	10000	300	9700
29	2027-06-01 00:00:00	10000	300	9700
30	2027-07-01 00:00:00	10000	300	9700
31	2027-08-01 00:00:00	10000	300	9700
32	2027-09-01 00:00:00	10000	300	9700
33	2027-10-01 00:00:00	10000	300	9700
34	2027-11-01 00:00:00	10000	300	9700
35	2027-12-01 00:00:00	10000	300	9700
36	2028-01-01 00:00:00	10000	300	9700
37	2028-02-01 00:00:00	10000	300	9700
38	2028-03-01 00:00:00	10000	300	9700
39	2028-04-01 00:00:00	10000	300	9700
40	2028-05-01 00:00:00	10000	300	9700
41	2028-06-01 00:00:00	10000	300	9700
42	2028-07-01 00:00:00	10000	300	9700
43	2028-08-01 00:00:00	10000	300	9700
44	2028-09-01 00:00:00	10000	300	9700
45	2028-10-01 00:00:00	10000	300	9700
46	2028-11-01 00:00:00	10000	300	9700
47	2028-12-01 00:00:00	10000	300	9700
48	2029-01-01 00:00:00	10000	300	9700

Fonte: Os autores (2025)

Código 1: Exemplo de código

```
import re
import pandas
from pandas.io.formats.style import Styler
```

```

def get_columns(table: str):
    return table[18: table[18:].find("\n") + 17]

def get_content(table: str):
    listofcont = []
    insidecontent = False
    for i in table.splitlines():
        if i == "\\end{longtable}":
            break
        if insidecontent:
            listofcont.append(i)
        if i == "\\endlastfoot":
            insidecontent = True
    return "\n".join(listofcont)

def get_header(table: str):
    firsthead_match = re.search(
        r"\\begin{longtable}\{.*?\}\{.*?\}\\endfirsthead", table, re.DOTALL)
    head_match = re.search(r"\\endfirsthead(.*)\\endhead", table, re.DOTALL)
    firsthead = firsthead_match.group(1).strip() if firsthead_match else ""
    head = (head_match.group(1).strip() if head_match else "").replace(
        "\\toprule", "\\midrule", 1)
    return f"{firsthead}\n\\endfirsthead\n{head}\n\\endhead"

def get_length(table: str):
    match = re.search(r"\\endhead.*?\\multicolumn\{(\d+)\}", table, re.DOTALL)
    return match.group(1).strip() if match else "1"

def getrules(self: Styler):
    details = self.table_styles
    bottom = "\\bottomrule"
    mid = "\\midrule"
    if not details:

```



```

        return (mid, bottom)

    for i in details:
        if i["selector"] == "bottomrule":
            bottom = "\\\" + i["props"][0][1]
        if i["selector"] == "midrule":
            mid = "\\\" + i["props"][0][1]
    return (mid, bottom)

def makefoot(fonte: str | None, continue_phrase: str | None, cols: int, rules: tuple):
    foot = f"{{rules[0]}}\\n{{f'\\multicolumn{{{cols}}}{{r}}}{{continue_phrase}}}\\n\\"
        if continue_phrase else ""}}\\endfoot\\n"
    lastfoot = f"{{rules[1]}}\\n\\multicolumn{{{cols}}}{{c}}}{{\\font{{'"+fonte+"}}\\"
        if fonte else ""}}}\\n\\endlastfoot\\n"
    return foot + lastfoot

def makestring(content: str, env: tuple, header: tuple):
    head = f"\\begin{{{env[0]}},{{{env[1]}}}\\n{{header[0]}}\\n{{header[1]}}\\"
        if env[0] and header[0] else ""
    lastline = f"\\n\\end{{{env[0]}}}" if env[0] and header[0] else ""
    return f"{{head}}{{content}}{{lastline}}"

def exportTeX(buf: str, table: str):
    with open(buf, "w", encoding="utf-8") as tex:
        tex.write(table)

def long(
    self: Styler, buf: str | None = None, environment: str | None = None, column_format: str | None =
        None,
    caption: str | None = None, label: str | None = None, fonte: str | None = None,
    continue_phrase="Continua na próxima página",
    **kwargs
) -> str | None:
    """
    Converte uma tabela Styler em uma tabela longtable ou similar;

```

## Parameters

-----

self: Objeto Styler

buf: Caminho para exportar, se não informado será retornado

environment: tipo da tabela, se não informado será exportado somente o conteúdo

columns\_format: formatação das colunas

## examples

-----

```
>>> sim
```

```
"""
```

```
longstr = self.to_latex(environment="longtable", caption=caption,
                        label=label, hrules=True, **kwargs)
```

```
if not column_format:
```

```
    column_format = get_columns(longstr)
```

```
headers = get_header(longstr)
```

```
num_colunas = get_length(longstr)
```

```
ruletype = getrules(self)
```

```
foot = makefoot(fonte, continue_phrase, num_colunas, ruletype)
```

```
tablecontent = get_content(longstr)
```

```
tablestr = makestring(
    tablecontent, (environment, column_format), (headers, foot))
```

```
if not buf:
```

```
    return tablestr
```

```
exportTeX(buf, tablestr)
```

```
return None
```

```
def tex(
```

```
    self: Styler, buf: str | None, environment: str | None,
```

```
    column_format: str | None, caption: str | None, label: str | None,
```

```
    fonte: str | None, position: str | None, **kwargs
```

```
):
```

```
    tablestr = self.to_latex(environment=environment,
                            column_format=column_format,
                            caption=caption, label=label, position=position, **kwargs)
```

```
    tablelist = tablestr.splitlines()
```

```
    tablelist.insert(-1, "\n\\fonte" + (f"[{fonte}]" if fonte else ""))
```

```
    tablestr = "\n".join(tablelist)
```

```
if not buf:  
    return tablestr  
exportTeX(buf, tablestr)  
  
Styler.to_longtex = long  
Styler.to_tex = tex
```

## 1.5 CITAÇÕES

## 1.6 LISTAS DE PALAVRAS

Teste

## **2 FACILIDADES**

### **2.1 REFERENCIAS INTERNAS**

Sumário

### **2.2 VALORES NUMÉRICOS**

### **2.3 REFERENCIAS AUTOMATIZADAS**

### **2.4 TABELAS, QUADROS E GRÁFICO COM PANDASS**

## REFERÊNCIAS

## **GLOSSÁRIO**

Teste: Algo que se faz para ver se está funcionando

## **APÊNDICE A - EXEMPLO DE APÊNDICE**

**ANEXO A - EXEMPLO DE ANEXO**



**ANEXO B - EXEMPLO DE ANEXO**

## ÍNDICE

Fliperama, 18