

# Django PDF

**Author:** Adrian

Dolha

**Date:** 11 Nov 2022

[Github Repo](#)

Django PDF is a web app used to prove how to create PDF using different libraries: `weasyprint`, `selenium` and `reportlab`. Some conclusions:

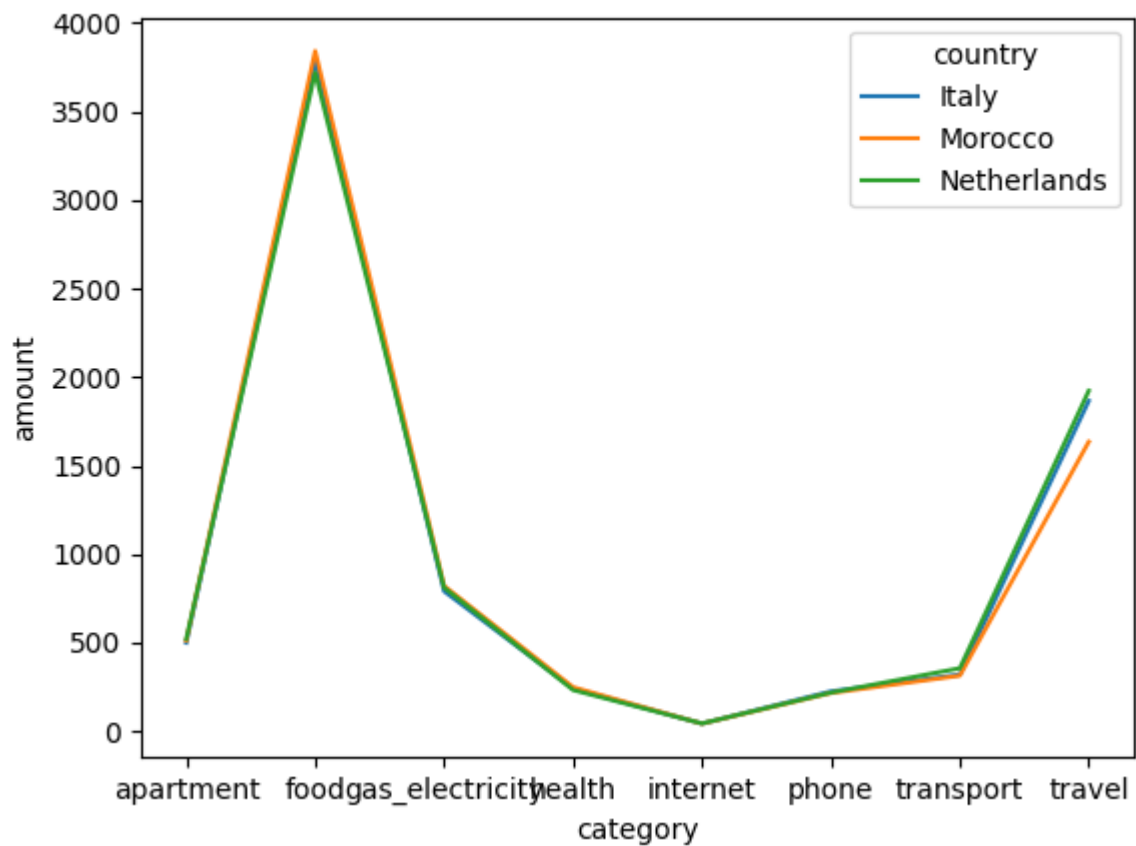
- Use `weasyprint` to create PDF from static content (HTML, CSS).
- Use `selenium` to create PDF from dynamic content. It handles dynamic Javascript, including React apps, Bootstrap, MUI and ChartsJS. It can also authenticate to external apps.
- Use `reportlab` to create custom PDF from scratch. Probably the most powerful method, but also the most complex one.

## Tech Stack

python django weasyprint selenium seaborn pandas chartsjs  
bootstrap5 reportlab postgres redis

### Average Expenses Per Category

#	Country	Category	Amount
1	Netherlands	apartment	521
2	Netherlands	food	3720
3	Netherlands	gas_electricity	811
4	Netherlands	health	233
5	Netherlands	internet	44
6	Netherlands	phone	218
7	Netherlands	transport	356
8	Netherlands	travel	1923



## Expenses Per Month

#	Country	Year	Month	Amount
1	Netherlands	2017	11	6079
2	Netherlands	2017	12	5008
3	Netherlands	2018	1	4427
4	Netherlands	2018	2	8786
5	Netherlands	2018	3	7250
6	Netherlands	2018	4	6595
7	Netherlands	2018	5	7490
8	Netherlands	2018	6	4703
9	Netherlands	2018	7	5796
10	Netherlands	2018	8	6240
11	Netherlands	2018	9	5889
12	Netherlands	2018	10	6898
13	Netherlands	2018	11	5119
14	Netherlands	2018	12	4740
15	Netherlands	2019	1	9347
16	Netherlands	2019	2	3843
17	Netherlands	2019	3	8382
18	Netherlands	2019	4	8988
19	Netherlands	2019	5	4780
20	Netherlands	2019	6	8865
21	Netherlands	2019	7	6660
22	Netherlands	2019	8	6604
23	Netherlands	2019	9	8527
24	Netherlands	2019	10	4675
25	Netherlands	2019	11	7487
26	Netherlands	2019	12	5932
27	Netherlands	2020	1	8662

#	Country	Year	Month	Amount
28	Netherlands	2020	2	5483
29	Netherlands	2020	3	4893
30	Netherlands	2020	4	8861
31	Netherlands	2020	5	6479
32	Netherlands	2020	6	8933
33	Netherlands	2020	7	5763
34	Netherlands	2020	8	4964
35	Netherlands	2020	9	8270
36	Netherlands	2020	10	5457
37	Netherlands	2020	11	7213
38	Netherlands	2020	12	7603
39	Netherlands	2021	1	6915
40	Netherlands	2021	2	6960
41	Netherlands	2021	3	9637
42	Netherlands	2021	4	7142
43	Netherlands	2021	5	7242
44	Netherlands	2021	6	5638
45	Netherlands	2021	7	6825
46	Netherlands	2021	8	7569
47	Netherlands	2021	9	6864
48	Netherlands	2021	10	7014
49	Netherlands	2021	11	5817
50	Netherlands	2021	12	5623
51	Netherlands	2022	1	6342
52	Netherlands	2022	2	6297
53	Netherlands	2022	3	7339
54	Netherlands	2022	4	7882
55	Netherlands	2022	5	6031

#	Country	Year	Month	Amount
56	Netherlands	2022	6	6919
57	Netherlands	2022	7	5404
58	Netherlands	2022	8	6022
59	Netherlands	2022	9	7584
60	Netherlands	2022	10	5939
61	Netherlands	2022	11	5692

WeasyPr Selenium ReportLab