

Finance

©Frederic Kerdraon

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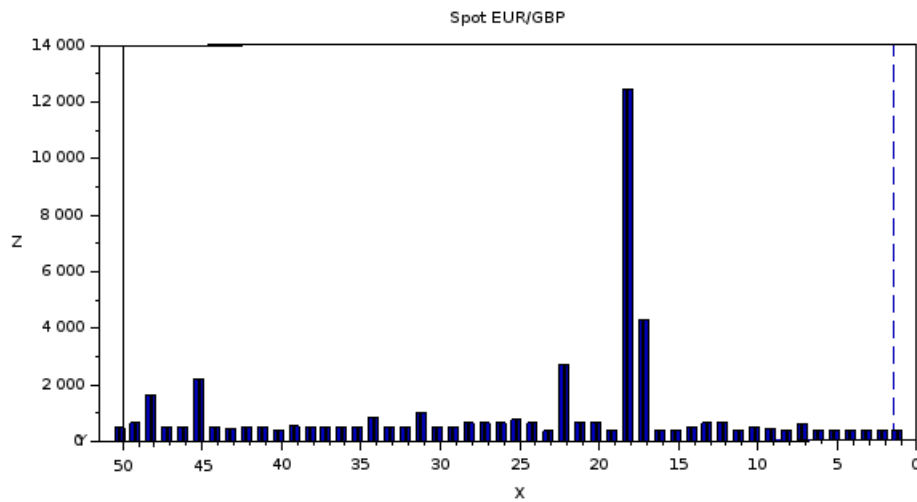
Contents

1 Cash Balance Management

1.1 Monthly drift

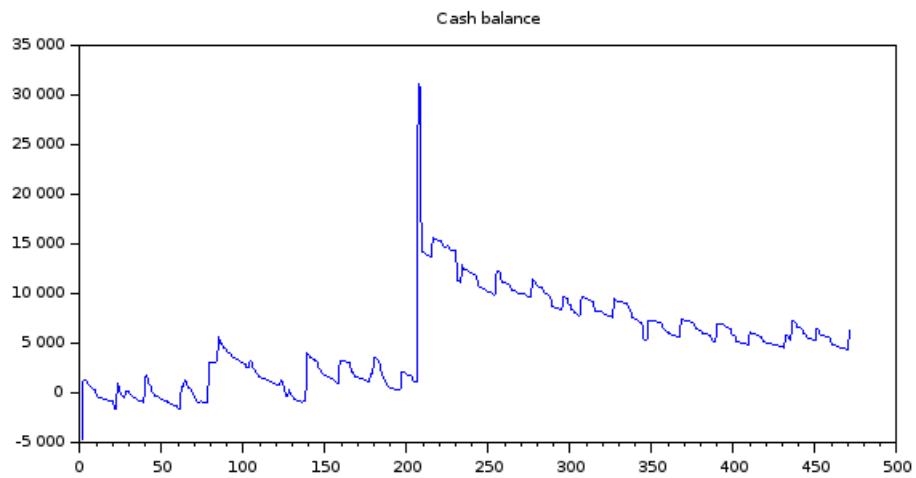
1.1.1 Table

1.1.2 Graph

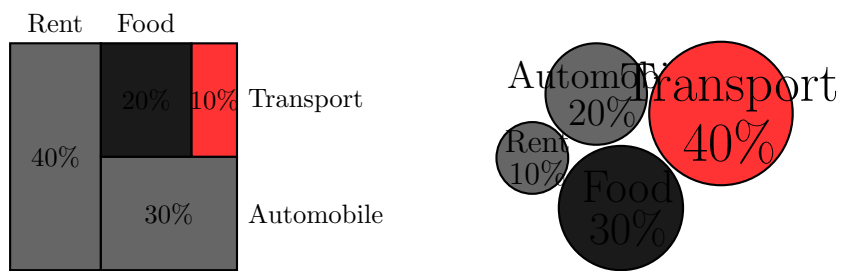


This where science enter the game as here can call scilab and there is no limit at what we could calculate... fascinating! How do we populate Scilab with Negative numbers where there are Debits and Positive numbers for the Credit

1.1.3 Graph



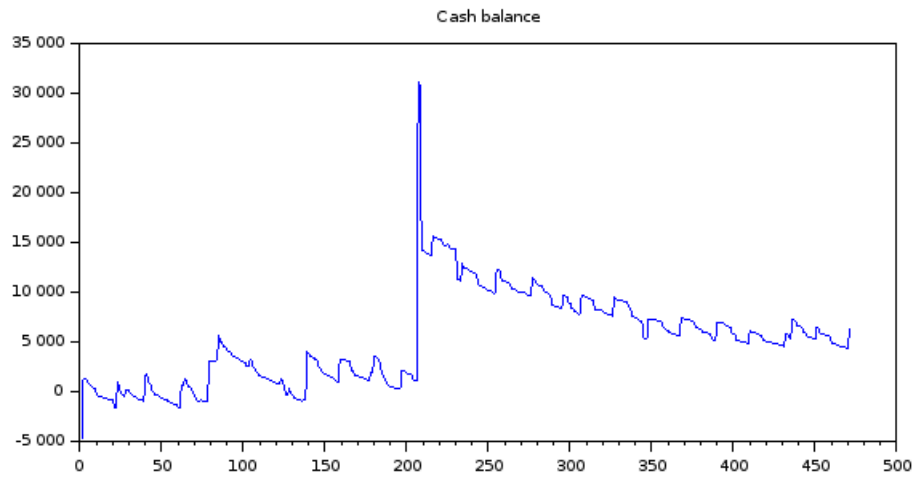
1.1.4 Map Of The Charges



1.1.5 Cash curve

Funny cashflow/kapital superior to percent

1.1.6 Cash curve from Scilab man!



1.1.7 Table

Cashflows				
Date	Income	Charges	PnL	NumDays
2021-01-13	89814	83588	6226	3665
2016-12-27	89814	83588	6226	2187
2016-12-26	87888	83520	4368	2186
2016-12-22	87888	83437	4451	2182
2016-12-21	87888	83414	4474	2181
2016-12-20	87888	83406	4482	2180
2016-12-19	87888	83384	4504	2179
2016-12-16	87888	83313	4575	2176
2016-12-15	87888	83137	4751	2175
2016-12-14	87888	83134	4754	2174
2016-12-13	87888	83057	4831	2173
2016-12-12	87888	83050	4838	2172
2016-12-09	87888	83013	4875	2169
2016-12-08	87888	82288	5600	2168
2016-12-07	87888	82281	5607	2167
...
...				
Total				

To be able to have data for the drift, you need to build a C++ insert like for the kapital go through the dates in the cashflows, and calculate a drift based on this (modulo the salary)

1.1.8 Graph

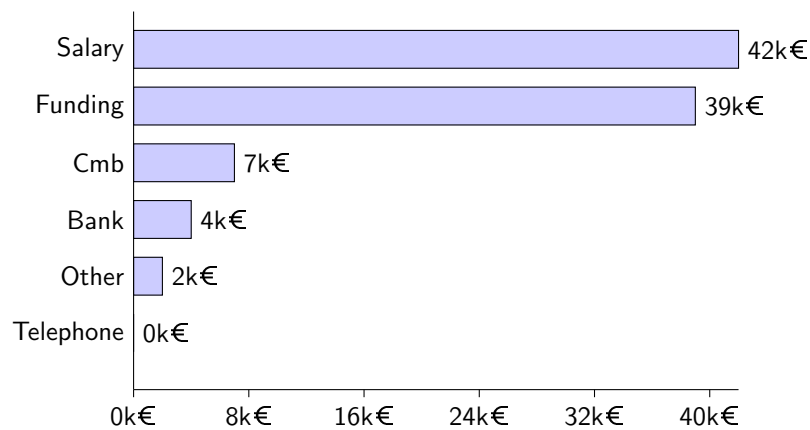
Here we plot the cashflows over a certain limit. This should be moved to a histogramm for a better readability

1.2 Incomes

1.2.1 Table

Cashflows			
Category	Debit	Credit	PnL
Salary	0	42741	42741
Funding	0	39000	39000
Cmb	0	7287	7287
Bank	0	4056	4056
Other	0	2135	2135
Telephone	0	128	128
...	
Total	83588	89814	6226

1.2.2 Graph

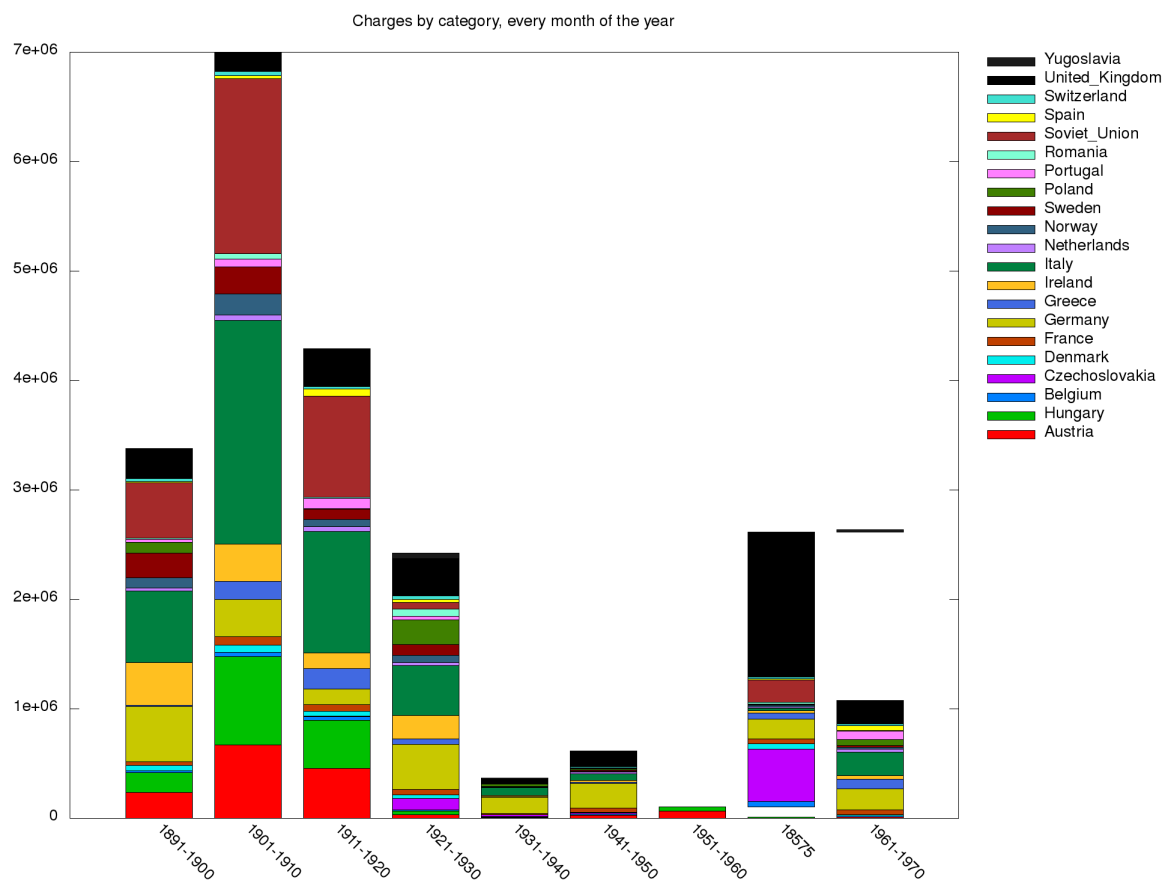


1.2.3 Chart

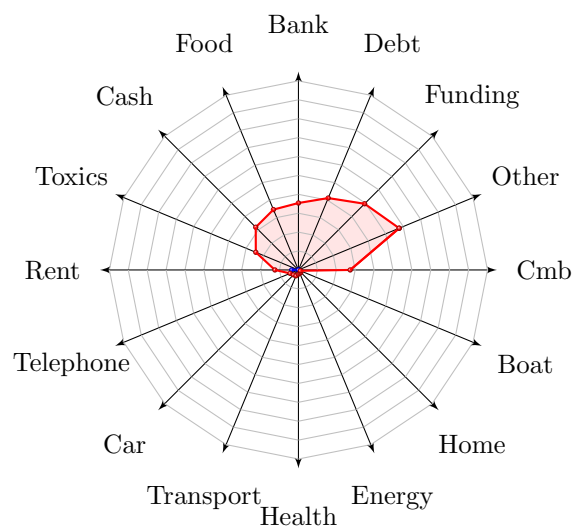
1.3 Charges

1.3.1 Charges plot

Removed to preserve my eyes from the colors....!!!!



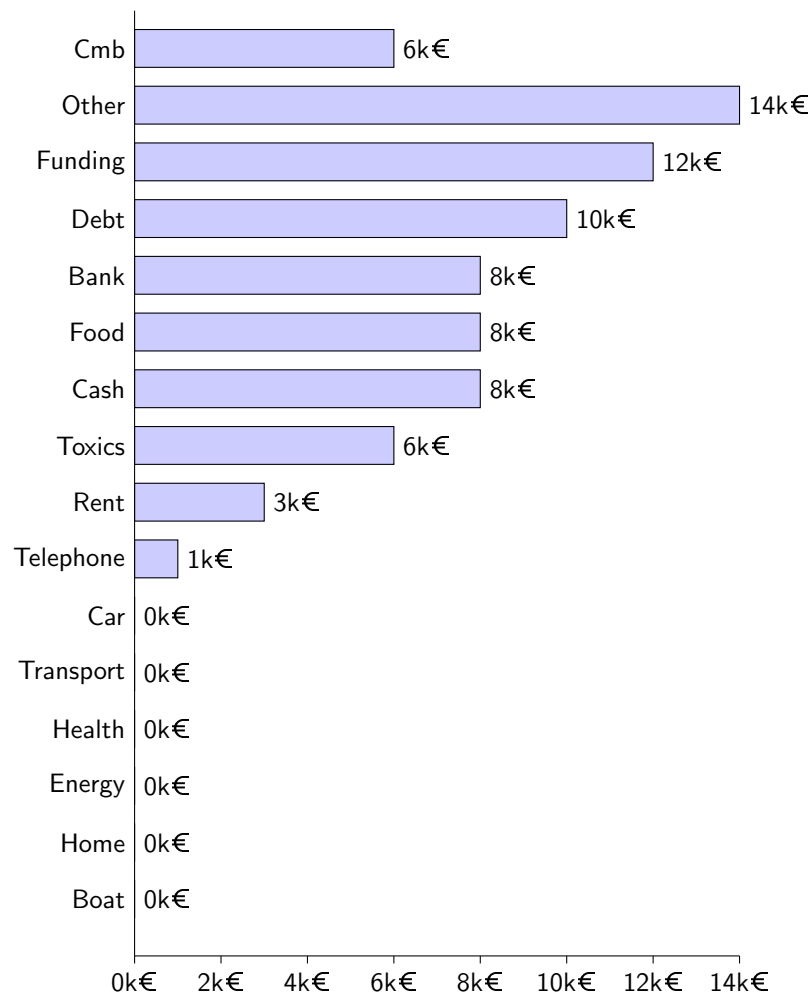
1.3.2 Charges kiviati



1.3.3 Table

Cashflows			
Category	Debit	Credit	PnL
Cmb	6866	-963	-7829
Other	14467	0	-14467
Funding	12415	0	-12415
Debt	10321	0	-10321
Bank	8877	0	-8877
Food	8666	0	-8666
Cash	8011	0	-8011
Toxics	6121	0	-6121
Rent	3120	0	-3120
Telephone	1192	0	-1192
Car	918	0	-918
Transport	838	0	-838
Health	556	0	-556
Energy	489	0	-489
Home	451	0	-451
Boat	280	0	-280
...
Total	83588	89814	6226

1.3.4 Graph



1.3.5 Chart

1.3.6 Cheese

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