Finance

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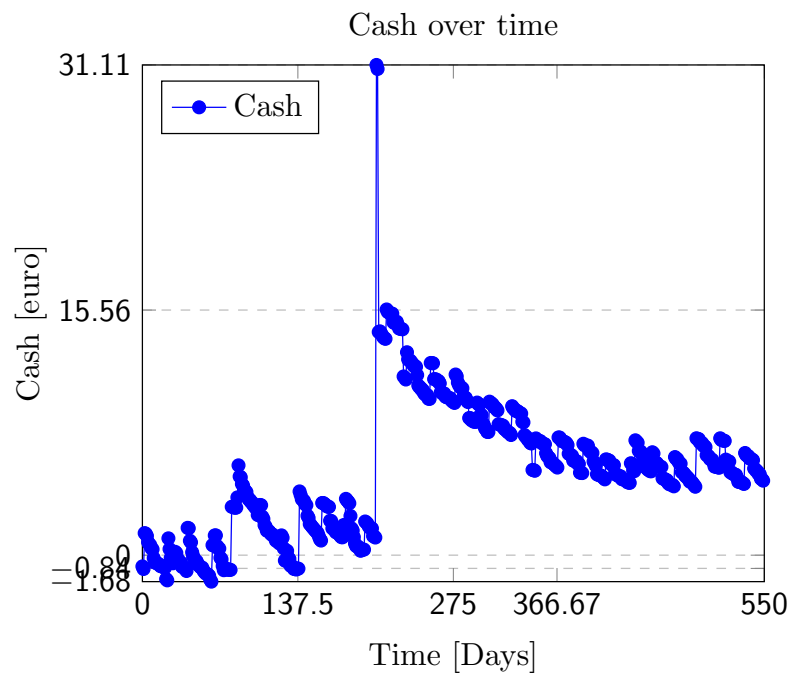
January 1, 2018

Contents
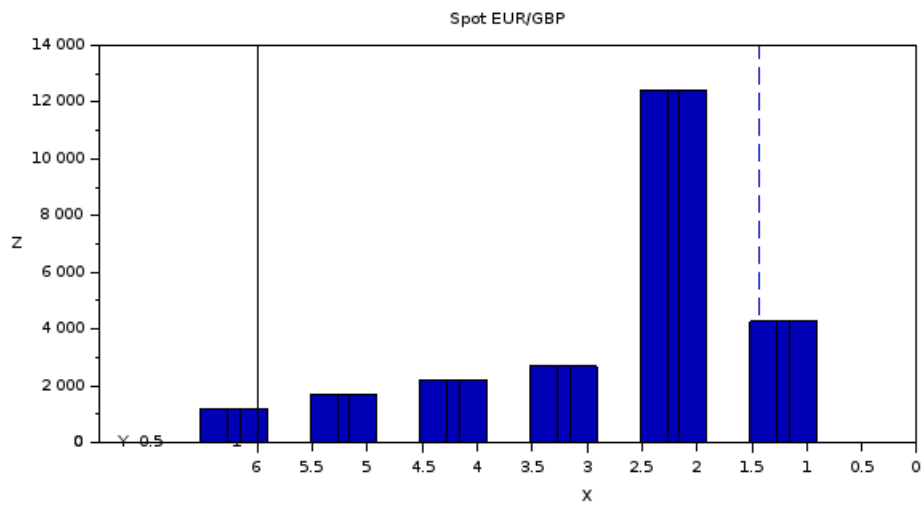
1 Cash Balance Management

1.1 Monthly drift

1.1.1 Table
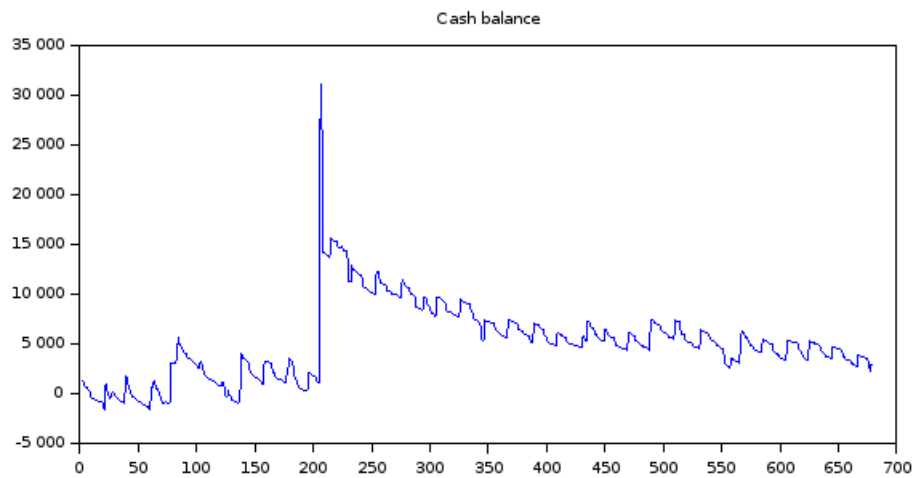
Cash over time
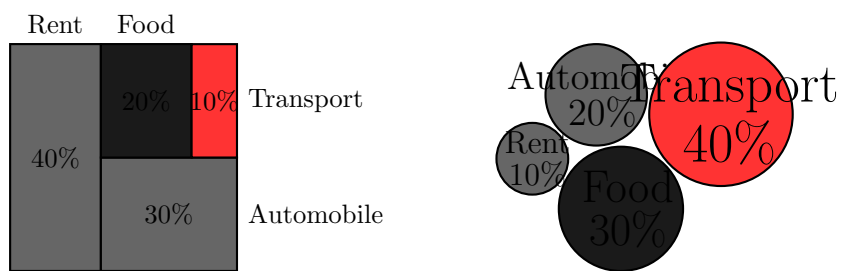
1.1.2 Graph

Spot EUR/GBP

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

Cash balance

1.1.4 Map Of The Charges

Rent   Food

	20%	10% Transport
40%		
	30% Automobile	

Automobile 20%
Rent 10%
Transport 40%
Food 30%

1.1.5   Cash curve

Funny cashflow/kapital superior to percent

Cash over time

Cash [euro] vs Time [Days]

y-axis: 31.11, 15.56, 0, −0.84, −1.68

x-axis: 0, 137.5, 275, 366.67, 550

Legend: Cash
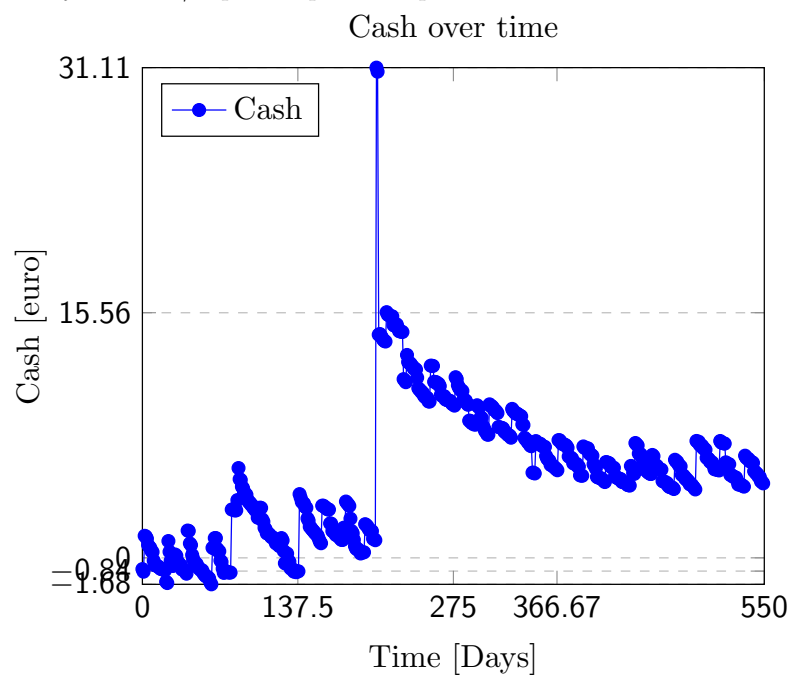
1.1.6 Cash curve from Scilab man!

Cash balance
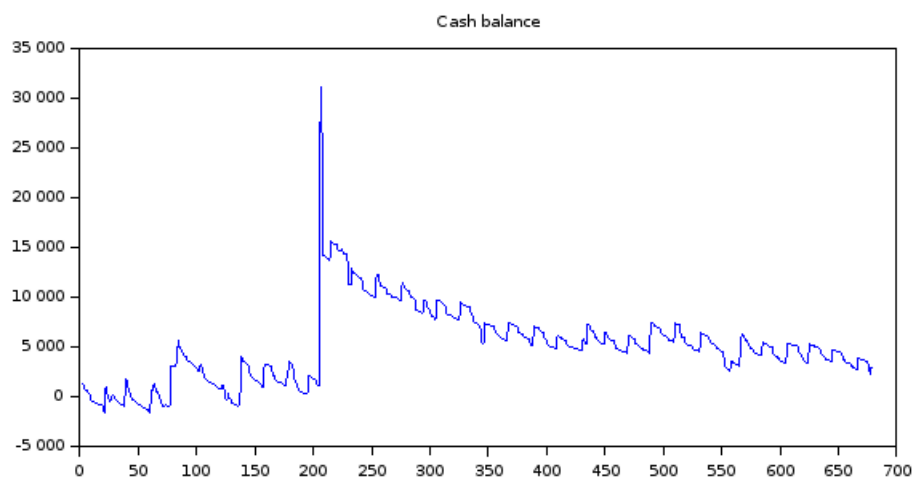
1.1.7 Table

Cashflows				
Date	Income	Charges	PnL	NumDays
2021-01-13	96890	92162	4728	7531
2017-04-20	96890	92162	4728	6167
2017-04-19	96890	92067	4823	6166
2017-04-18	96890	92035	4855	6165
2017-04-14	96890	91753	5137	6161
2017-04-13	96890	91746	5144	6160
2017-04-12	96890	91576	5314	6159
2017-04-11	96890	91556	5334	6158
2017-04-10	96890	91434	5456	6157
2017-04-07	96890	91388	5502	6154
2017-04-06	96890	90859	6031	6153
2017-04-05	96890	90812	6078	6152
2017-04-04	96890	90785	6105	6151
2017-04-03	96890	90749	6141	6150
2017-03-31	96890	90612	6278	6147
... ...	...	...	...	...
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

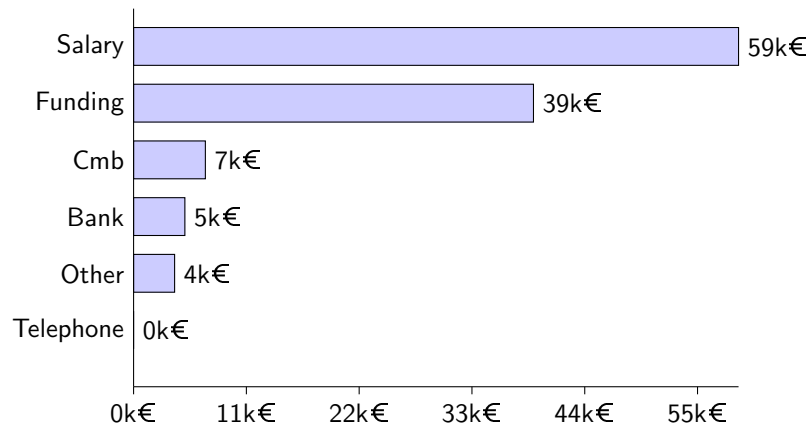Here we plot the cashflows over a certain limit. This should be moved to a histogramm for a
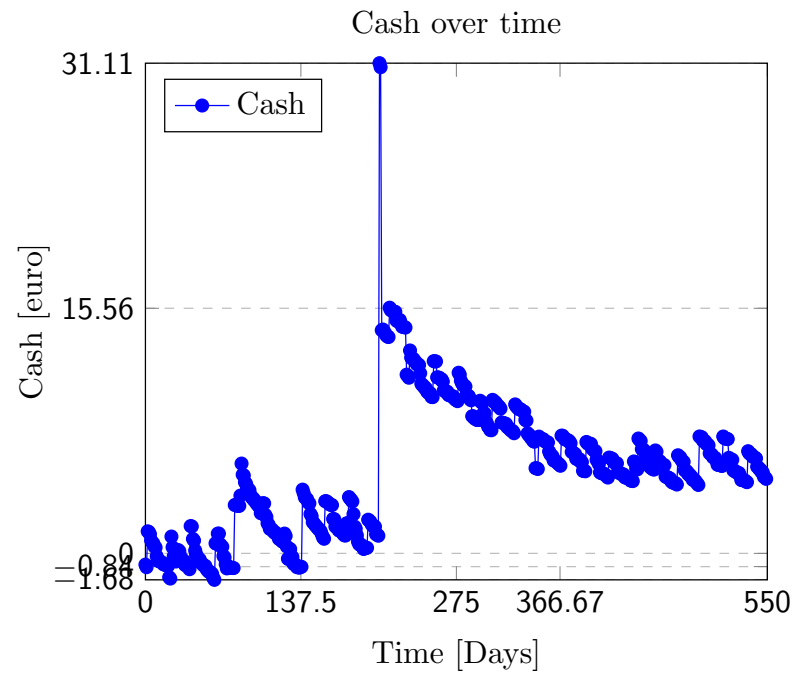
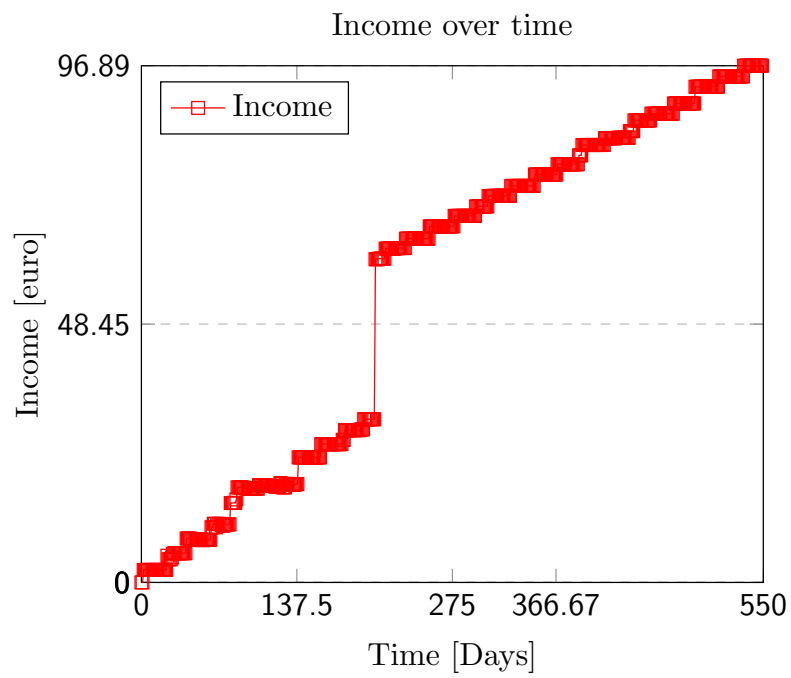
better readability

1.2 Incomes

1.2.1 Table

Cashflows			
Category	Debit	Credit	PnL
Salary	0	59644	59644
Funding	0	39000	39000
Cmb	0	7287	7287
Bank	0	5056	5056
Other	0	4342	4342
Telephone	0	128	128
...	...	...	
Total	107060	109924	2864

1.2.2 Graph

Salary	59k€
Funding	39k€
Cmb	7k€
Bank	5k€
Other	4k€
Telephone	0k€

0k€   11k€   22k€   33k€   44k€   55k€

1.2.3 Chart

Income over time

Income [euro] vs Time [Days]

96.89 ─ ─ ─
48.45 ─ ─ ─
0

0   137.5   275   366.67   550

Legend: □ Income

1.3   Charges

Charges over time
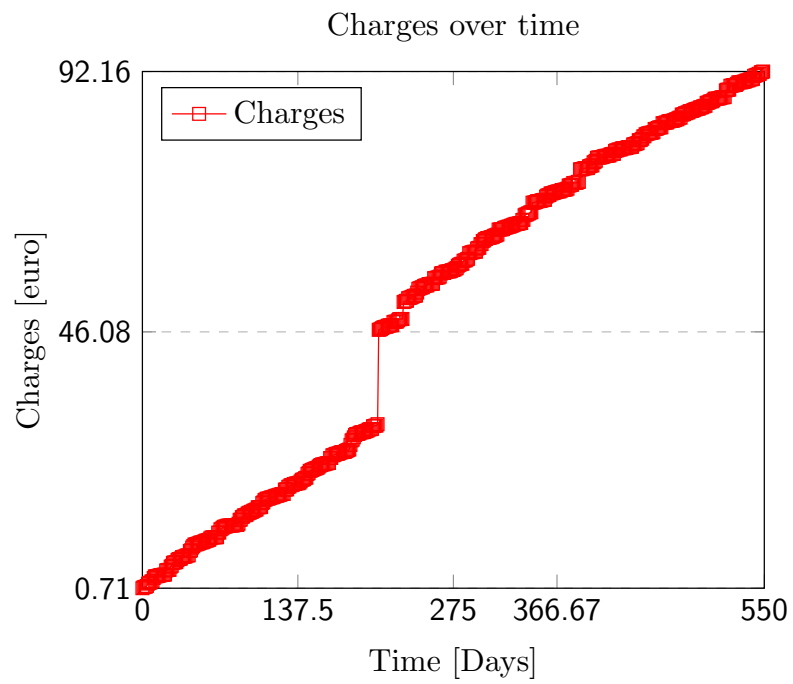
1.3.1   Charges plot

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

Charges by category, every month of the year
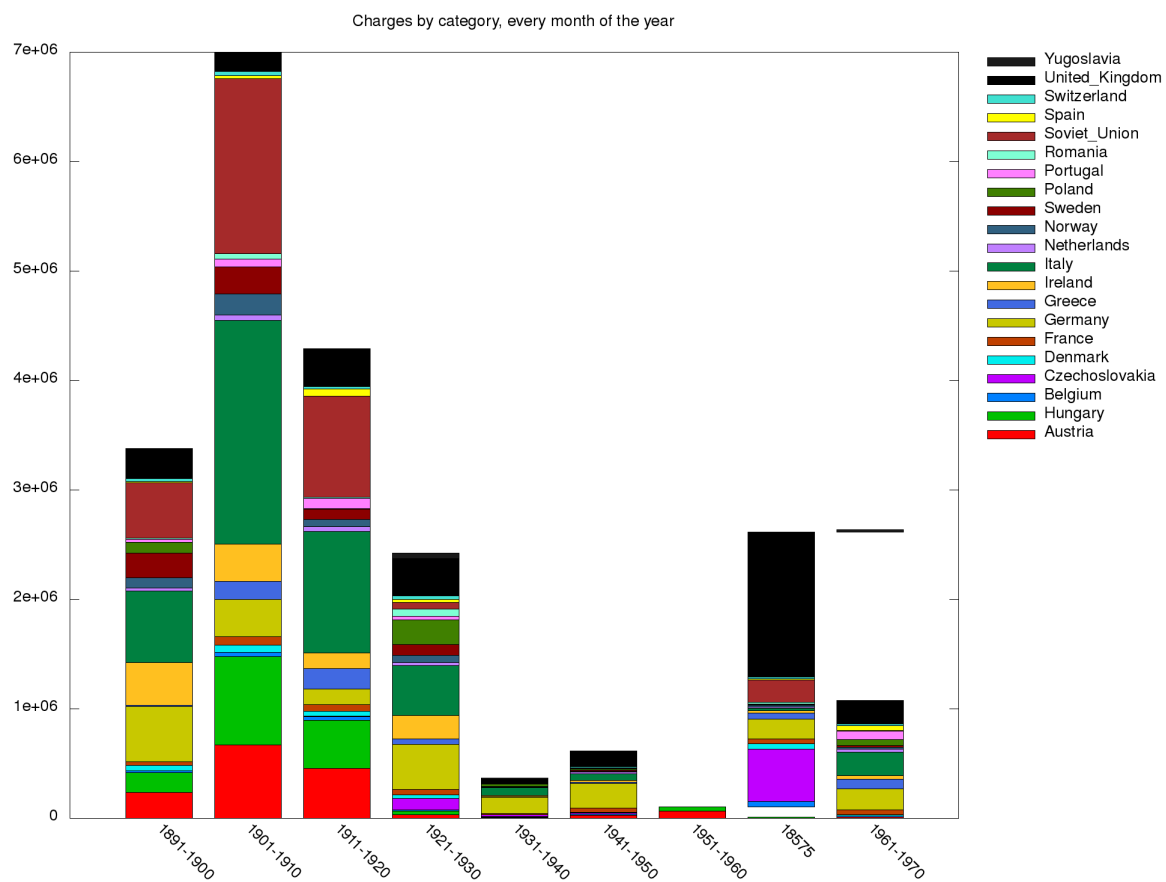
1.3.2 Charges kiviat
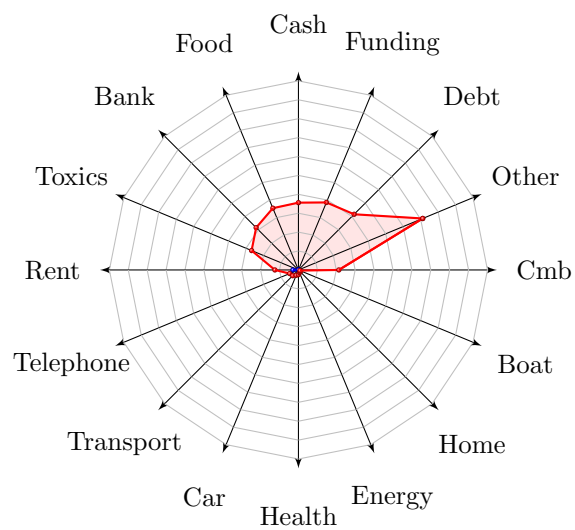
1.3.3 Table

Cashflows			
Category	Debit	Credit	PnL
Cmb	6866	-963	-7829
Other	22849	0	-22849
Debt	13375	0	-13375
Funding	12415	0	-12415
Cash	11431	0	-11431
Food	11356	0	-11356
Bank	10161	0	-10161
Toxics	8613	0	-8613
Rent	3999	0	-3999
Telephone	1611	0	-1611
Transport	1381	0	-1381
Car	988	0	-988
Health	795	0	-795
Energy	489	0	-489
Home	451	0	-451
Boat	280	0	-280
...	...	...	...
Total	107060	109924	2864

1.3.4 Graph

1.3.5 Chart

1.3.6 Cheese

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