Cash Economy – Investigative Techniques

Introduction into Cash Economy:

- Part 1 traditional cash businesses
- Part 2 cash business used for other activities
 - Part 2 Focus on ML
- > Part 3 cash system used for other activities
- Part 4 Risk indicators
- Part 5 Detection
- Part 6 Investigative Techniques
- Part 7 Money Laundring

Part 1:

What is traditional cash economy – cash business?

The majority of turnover is generated with cash payments!

Cash business "risk" areas:

- Open markets
- Newly founded companies
- Tourist sector Hotels / Bars / Red Light Districts / Restaurants / Dancing Bars /
- Groceries, retail stores, supermarkets
- Agricultural product sellers (farmers/...)
- Construction sector

Related problems:

- Any kind of products / services possible
- Usually services / products meant for final consumers
- Cash is not traceable
- No crosscheck possibility leak of info
- No regular prices quality, region, other price influences
- Apparently small businesses front stores

Part 2:

Cash business is used for other "criminal" activities?

Use of at least one or more business sectors for criminal activities related / linked to / with cash-money!

Cash business "risk" areas:

- Open markets
- Newly founded companies
- Tourist sector Hotels / Bars / Red Light Districts / Restaurants / Dancing Bars /
- Groceries, retail stores, supermarkets
- Agricultural product sellers (farmers/...)
- Construction sector

Cash business "risk" areas:

- All traditional cash economy, cash business areas as described in Part 1!
- All related problems

Related problems:

- No tax files non declaration of taxes
- Non regulated markets
- International approaches
- No bookkeeping
- Use of front persons / strawmen
- Fast business different locations
- No or not so high gains in general
- Organized structures

Other criminal activities:

- Money laundering trade based / merchant based (B2B payments)
- Covering / hiding illegal income
- Bribery and corruption
- Tax fraud out of other non cash related activities
- Terrorist financing
- Fraud in other areas

Part 2: Focus on money laundering:

Laundering of illegal money

Use of (semi-) legal business

 Mix of legal and illegal gained money (Service businesses are best suited to this method - little or no variable costs and/or a large margin between revenue and variable costs)

Part 2: Focus on money laundering:

Laundering of illegal money

Use of digital electronic money

 electronic money provides as easy a method of transferring value without revealing identity, especially wire transfers involving anonymity-protecting numbered bank accounts – e.g. Liberty Reserve

Online gaming/ - gambling

 E.G Second Life and World of Warcraft, it is possible to convert money into virtual goods, services, or virtual cash that can later be converted back into money

Part 2: Focus on money laundering: Laundring of illegal money

Reverse money laundering

 Reverse money laundering is a process that disguises a legitimate source of funds that are to be used for illegal purposes – eg collecting of funds for terrorist financing purposes

Part 3:

The cash-payment-system itself is used for other criminal activities!

- Different payment platforms
- Currency exchange
- E-commerce system (B2B payments..)
- Etc......

Cash system:

- Use of cash payments
- Different systems
- Mixture of using the different systems
- eG for Fraud / etc

Risk Areas:

- Non-regulated, alternative payment platforms based on cash payments – Western Union, Hawala...
- E-commerce B2B system
- But also all the cash business areas described in Part 1

Use of the cash system:

 In general Part 2 and 3 are linked, very similar and from the structure, its problems and its risk areas are very close to each other

Practical Exercise:

- Please define the 3 most risky cash economy or related areas in your countries (as explained in Part 1,2,3)!
- Explain the related problems of detecting – investigating - finishing the cases!!
- What could be defined as risk indicators?

Part 4 - Risk Indicators:

- Business areas themselves
- Comparison business to business
- Single products, goods, services,
- Way of doing business the flow of business
- Non regulated markets/payments/systems
- Location of business
- Compliance behaviour
- •

Risk Indicator Topics

- Techniques to find risk indicators
- Accounting and financial risk indicators
- Risk indicators and challenges specifically in the cash economy
- How to find Information techniques, sources, databases
- Profiling models how to identify potential cases

Part 5 - Detection possibilities:

What do you think are the detection possibilities? How do investigation units get notice of risk areas/problems/cases?

Group discussion!

Detection possibilities:

- Informants
- Whistleblower
- Self case detection by evaluation of general infos – intelligence units
- Audit activities
- Random case selection in risk areas
- Investigative techniques

Part 6 - Investigative Techniques eG:

- Audits get knowledge about the business
- Surveillance, observation after getting notice of business
- Information exchange national/internat.
- Inter-agency co-operation police / customs / industry or business areas
- Digtal techniques

Digital Techniques:

- Margin comparison
- Gains comparison
- Business figures at all
- Cost structures compared eg employees visa turnover
- Special different business databasecrosschecks of databases

Other / New Digital Techniques:

- Visualization of business figures
- Technical check tools / for failure detection out of high volume data bases – Monetary Unit Sampling
- Summarised Risk Audit (SRP) based on the principle of a "<u>Time Series Analyses</u>"

Examples for Other / New Techniques:

<u>Definition MUS – Monetary Unit Sampling:</u>

MUS

Monetary Unit Sampling, also known as probability proportional-to-size (PPS) or dollar unit sampling (DUS), is a statistical sampling method used to determine if the account balances or monetary amounts in a population contain any misstatements. Each individual dollar (i.e. monetary unit) in the population is considered a sampling unit, thus account balances or amounts in the population with a higher value have a proportionately higher chance of being selected.

Examples for Other / New Techniques:

Definition SRP Summarized Risk Audit

SRP = Time Series Analysis

Any metric that is measured over regular time intervals forms a time series. Analysis of time series is commercially importance because of industrial need and relevance especially w.r.t forecasting (demand, sales, supply etc).

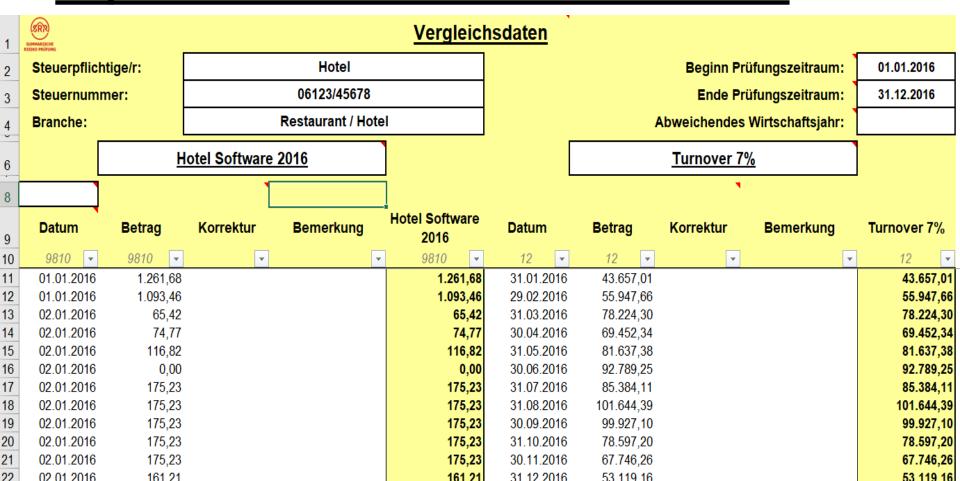
Examples for Other / New Techniques: SRP Summarized Risk Audit Case example

- Hotel with restaurant
- Outside area
- Christmas celebrations
- New year celebrations
- Additional participation on different markets

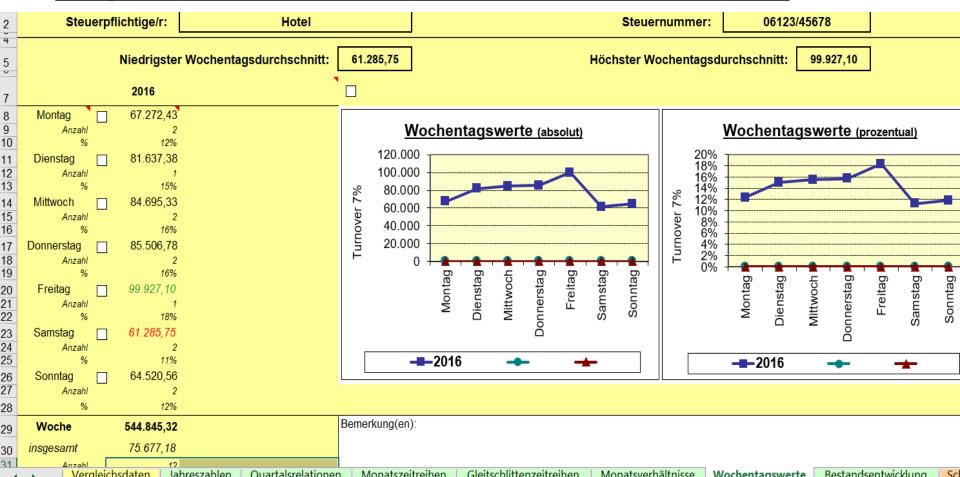
Examples for Other / New Techniques: SRP Summarized Risk Audit Invoice database out of hotel software

1	Invoices 1.01.	2016 bis 31.12	2016)												
2	Invoice Nr	Sender	Receiver	Amount	Payed	Amount	VAT	Tax % Reduction	n R	Reduction %	Date of Invoice	Payment	Kind of booking	Invoice	Status
3	97893	Blanco GbR		80,00€	- €	80,00€	5,23€	7	0	0	01.01.2016		ZE	RECH	0
4		007 4	Übernachtung	- €	1,00€	- €	- €	7 Nein			28.12.2015	29.12.2015			
5		007 4	Einzelzimmer	40,00€	1,00€	40,00€	2,62€	7 Nein			30.12.2015	30.12.2015			
6		007 4	Einzelzimmer	40,00€	1,00€	40,00€	2,62€	7 Nein			30.12.2015	30.12.2015			
7	97894	Hieble		180,00€	- €	180,00€	11,78€	7	0	0	01.01.2016		ZE	RECH	0
8		004 4	Übernachtung	90,00€	2,00€	45,00€	5,89€	7 Nein			14.12.2015	16.12.2015			
9		005 4	Übernachtung	90,00€	2,00€	45,00€	5,89€	7 Nein			14.12.2015	16.12.2015			
10	97895	Cargo Bos Tra	nsporten B.V.	1.650,00€	- €	1.650,00€	107,94€	7	0	0	01.01.2016		ZE	RECH	0
11		Verans	Veranstaltung	- €	1,00€	- €	- €	7 Nein			01.01.2016	02.01.2016			
12		Verans	Wohnung	1.500,00€	1,00€	1.500,00€	98,13€	7 Nein			01.01.2016	01.01.2016			
13		Verans	zusätzl. Zimm	150,00€	1,00€	150,00€	9,81€	7 Nein			01.01.2016	01.01.2016			
14	97896	Hilgen e.K.		1.350,00€	- €	1.350,00€	88,32€	7	0	0	01.01.2016		ZE	RECH	0
15		Veran2	Veranstaltung	- €	1,00€	- €	- €	7 Nein			01.01.2016	02.01.2016			
16		Veran2	Übernachtung	1.350,00€	30,00€	45,00€	88,32€	7 Nein			01.01.2016	01.01.2016			
17	97897	Janssen Reise	n Wittmund Gr	1.170,00€	- €	1.170,00€	76,54€	7	0	0	01.01.2016		ZE	RECH	0
18		Warte1	Warteliste 1	- €	1,00€	- €	- €	7 Nein			01.01.2016	02.01.2016			
19		Warte1	Übernachtung	1.170,00€	26,00€	45,00€	76,54€	7 Nein			01.01.2016	01.01.2016			
20	97898	Kuznetsov		80,00€	- €	80,00€	6,18€	8,37	0	0	01.01.2016		ZE	VISA	0
21		008 4	Übernachtung	70,00€	1,00€	70,00€	4,58€	7 Nein			01.01.2016	02.01.2016			
22		008 4	Frühstück	10,00€	2,00€	5,00€	1,60€	19 Nein			01.01.2016	02.01.2016			
23	97899	Soijka		95,00€	- €	95,00€	7,63€	8,73	0	0	02.01.2016		ZE	EC-KAR	0
24		003 4	Übernachtung	80,00€	1,00€	80,00€	5,23€	7 Nein			01.01.2016	02.01.2016			
25 26		003 4	Frühstück	15,00€	3,00€	5,00€	2,40€	19 Nein			01.01.2016	02.01.2016			
26	97900	Kleeberger		150,00€	- €	150,00€	12,17€	8,83	0	0	02.01.2016		ZE	VISA	0
27		010 5	Übernachtung	125,00€	1,00€	125,00€	8,18€	7 Nein			01.01.2016	02.01.2016			
28		010 5	Frühstück	25,00€	5,00€	5,00€	3,99€	19 Nein			01.01.2016	02.01.2016			
29	97901	Regenbogen-F	Reisen	4.530,00€	- €	4.530,00€	449,03€	11	0	0	02.01.2016		ZE	RECH	0

Examples for Other / New Techniques: SRP Summarized Risk Audit Invoice database out of hotel software Import in summarized risk audit tool



Examples for Other / New Techniques: SRP Summarized Risk Audit Invoice database out of hotel software Import in summarized risk audit tool

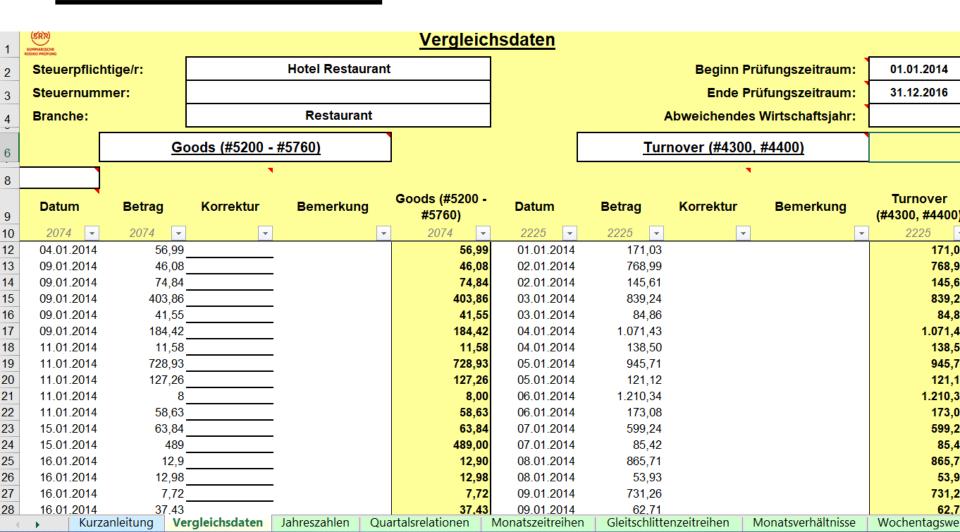


Examples for Other / New Techniques: SRP Summarized Risk Audit Indicators

- Reduced turnover on weekends
- Usually busiest time for hotels in tourist areas

Restaurant evaluation:

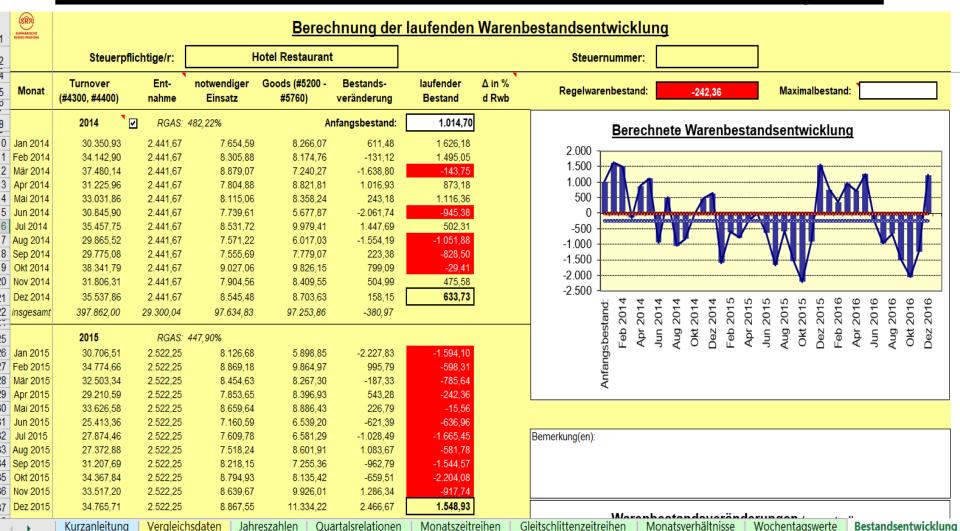
Examples for Other / New techniques: SRP Summarized Risk Audit Restaurant Data



Examples for Other / New techniques: SRP Summarized Risk Audit Evaluation based on time series analysis

- Time series analysis
- Average margin comparance
- Cutting the pics 16 %
- Calculation of available goods RESULT:
- No goods available for turnover ????

Examples for Other / New techniques: SRP Summarized Risk Audit Evaluation based on time series analysis



Examples for Other / New Techniques: SRP Summarized Risk Audit Estimation of turnover based on time series analysis – more € 285.238,57

		Interelative	Sehätzungeverles	10	
1	-	meraktive	e Schätzungsvorlag	16	(SR) SUMMARIS
		estaurant		Stavarnum	RESINO PRO
3	Steuerpflichtige/r: Hotel Re	Staulant		Steuernummer:	
5					
3			2014	2015	2016
7	Turnover (#4300, #4400):		397.862,00	375.340,82	388.627,79
3	Goods (#5200 - #5760):		97.253,86	99.687,89	90.139,25
9	Bestandsveränderung:		-380,97	915,20	-320,43
0	Entnahmen:		29.300,04	30.267,00	30.420,00
1	zusätzliche Entnahmen (ermäßigter USt-Satz):	``			
2	zusätzliche Entnahmen (voller USt-Satz):				
	weitere Einsatzminderungen:				
4	Einsatz:		68.334,79	68.505,69	60.039,68
5	RGAS:		482%	448%	547%
6	80 %-Quantil RGAS:	\	635%	635%	635%
7	frei geschätzter RGAS:				
8	80 %-Quantil Einkauf / Einsatz:		1		
7 8 9 0	frei geschätzter Einsatz:	, , ,			
	ermittelter Umsatz:		502.260,71	503.516,82	441.291,65
1	freie Umsatzhinzuschätzung:	' ' '			
2	Umsatzschätzung:		502.260,71	503.516,82	441.291,65
3	Mehrerlös durch Schätzung:		104.398,71	128.176,00	52.663,86
4	(RGAS nach Schätzung:)				
5	Mehrerlös insgesamt:				285.238,57
7	feste Aufteilung Mehrerlös:		Anteil ermäßigter Steuersat	tz:	
9	Anteil Mehrerlös (ermäßigter USt-Satz):				
)	freie Aufteilung Mehrerlös:				
	Anteil Mehrerlös (ermäßigter USt-Satz):				
2	Anteil Mehrerlös (voller USt-Satz):				
4	Monatszeitreihen Gleitschlittenzeitreihen	Monatsverhältnisse	Wochentagswerte Best	tandsentwicklung Schätzung	eigene Notizen Daten Gle

Examples for Other / New Techniques:

Visualization of data

Visualization is often excel based or other software / a tool to visualize different figures / data sources in relation to each other in various diagrams

Examples for Other / New Techniques :

<u>Visualization of data – Bookkeeping Data</u>

4 #####	KTOF - KTOBESCHR - 4130 Gesetzlich soziale Aufwendungen	GKTO(- GKTOBESCHR - 1759 Vorauss, Beitragsschuld, Sozialver.	BUCHTEXT	- BELNR -	-0,20	STSA - :	0,00	3593	 0,20	0,00	0,20 SO_HA_, - SVERME	-1	 KTOA - 2_AUSG
4 #####	8300 Erlöse 7% Ust.	1000 Kasse			-242,06	7,00	-16,94 USt	11	242,06	0,00	242,06	-1	LEINN
4 #####	8400 Erlöse 19% Ust.	1000 Kasse			-115,97	19,00	-22,03 USt	4	115,97	0,00	115,97	- 4	1_EINN
4 #####	8400 Erlöse 19% Ust.	1000 Kasse			-207,98	19,00	-39,52 USt	7	207,98	0,00	207.98	-1	1_EINN
4 #####	8400 Erlöse 19% Ust.	1000 Kasse			-1153,45	19,00	-219,15 USt	12	1153,45	0,00	1153,45	- 4	1_EINN
4 #####	4360 Versicherungen	1200 Sparkasse Breisach #6004212	Assona Handyversicherung		24,00	0,00	0,00	320		24,00	24,00	-1	2_AUSG
4 #####		1200 Sparkasse Breisach #6004212				0,00		316			301,17	-1	2_AUSG
4 #####	4520 Kfz - Versicherungen		Allianz KFZ Versicherung FR-MG 1976		301,17		0,00			301,17		-1	
	4810 Mietleasing (bewegliche Wirtschaft:				227,31	0,00	0,00	1718		227,31	227,31		2_AUSG
4 #####	4960 Mieten für Einrichtungen (bewegl. W		Hoffmann Leasing 01/14		227,31	19,00	43,19 VSt	313		227,31	227,31	-1	2_AUSG
4 #####	4360 Mieten für Einrichtungen (bewegl. W		sumb		-227,31	0,00	0,00 VSt	1718	227,31	0,00	227,31	-1	2_AUSG
4 #####	8300 Erlöse 7% Ust.	1000 Kasse			-119,16	7,00	-8,34 USt	19	119,16	0,00	119,16	-1	1_EINN
4 #####	8400 Erlöse 19% Ust.	1000 Kasse			-25,29	19,00	-4,81 USt	13	25,29	0,00	25,29	-1	1_EINN
4 #####	8400 Erlöse 19% Ust.	1000 Kasse			-657,06	19,00	-124,84 USt	15	657,06	0,00	657,06	-1	1_EINN
4 #####	8400 Erlöse 19% Ust.	1000 Kasse			#####	19,00	-318,90 USt	20	1678,40	0,00	1678,40	-1	1_EINN
4 #####	3736 Erhaltene Skonti 19% Vorsteuer	1611 Verb. aus L.u.L. o. Kontokorrent	Badischer Winzerkeller Skonto		-1,90	19,00	-0,36 VSt	2989	1,90	0,00	1,90	-1	2_AUSG
4 #####	4971 Kosten des Geldverkehrs Telecash	1200 Sparkasse Breisach #6004212	B & S Gebühren		95,41	19,00	18,13 VSt	346	0,00	95,41	35,41	-1	2_AUSG
4 #####	8300 Erlöse 7% Ust.	1000 Kasse			-182,99	7,00	-12,81 USt	26	182,99	0,00	182,99	-1	1_EINN
4 #####	8400 Erlöse 19% Ust.	1000 Kasse			#####	19,00	-199,12 USt	21	1047,98	0,00	1047,98	-1	1_EINN
4 #####	8400 Erlöse 19% Ust.	1000 Kasse			-1917,56	19,00	-364,34 USt	27	1917,56	0,00	1917.56	-1	1_EINN
4 #####	8300 Erlöse 7% Ust.	1000 Kasse			-162,99	7,00	-11,41 USt	34	162,99	0,00	162,99	-1	1_EINN
4 #####	8400 Erlöse 19% Ust.	1000 Kasse			-648,24	19,00	-123,16 USt	28	648,24	0,00	648,24	-1	1_EINN
4 #####	8400 Erlöse 19% Ust.	1000 Kasse			-113,78	19,00	-21,62 USt	32	113,78	0,00	113,78	-1	1_EINN
4 #####	8400 Erlöse 19% Ust.	1000 Kasse			#####	19,00	-366,64 USt	35	1929,66	0,00	1929,66	- 4	1_EINN
4 #####	4302 Interimskonto Vorsteuervergütung	1000 Kasse	Intermarche 5,5 % TVA		75,97	0,00	0,00 VSt	43	0,00	75,97	75,97	-1	2_AUSG
4 #####	4902 Interimskonto Vorsteuervergütung	1000 Kasse	Intermarche 20,00 % TVA		44,43	0,00	0,00 VSt	50	0,00	44,43	44,43	-1	2_AUSG
4 #####	8400 Erlöse 19% Ust.	1000 Kasse	Intermarche 20,00 4 1 VA		-395,04	19.00		36		0.00	395.04	-1	1 EINN
							-75,06 USt		395,04				
4 #####	8400 Erlöse 19% Ust.	1000 Kasse			-485,29	19,00	-92,21 USt	40	485,29	0,00	485,29	-1	1_EINN
4 #####	8400 Erlöse 19% Ust.	1000 Kasse			-240,67	19,00	-45,73 USt	45	240,67	0,00	240,67	-1	1_EINN
4 #####	8400 Erlöse 19% Ust.	1000 Kasse			-750,84	19,00	-142,66 USt	46	750,84	0,00	750,84	-1	1_EINN
4 #####	8400 Erlöse 19% Ust.	1000 Kasse			#####	19,00	-536,22 USt	48	2822,18	0,00	2822,18	-1	1_EINN
4 #####	8300 Erlöse 7% Ust.	1000 Kasse			-510,75	7,00	-35,75 USt	60	510,75	0,00	510,75	-1	1_EINN
4 #####	8400 Erlöse 19% Ust.	1000 Kasse			-113,95	19,00	-21,65 USt	51	113,95	0,00	113,95	-1	1_EINN
4 #####	8400 Erlöse 19% Ust.	1000 Kasse			-308,24	19,00	-58,56 USt	55	308,24	0,00	308,24	-1	1_EINN
4 #####	8400 Erlöse 19% Ust.	1000 Kasse			#####	19,00	-478,40 USt	61	2517,90	0,00	2517,90	-1	1_EINN
4 #####	3300 Wareneingang 7% Vst.	1200 Sparkasse Breisach #6004212	Neukauf		16,36	7,00	1,14 VSt	355	0,00	16,36	16,36	-1	2_AUSG
4 #####	3300 Wareneingang 7% Vst.	1200 Sparkasse Breisach #6004212	Aldi		139,31	7,00	9,75 VSt	356	0,00	139,31	139,31	-1	2_AUSG
4 #####	4210 Miete Digel	1200 Sparkasse Breisach #6004212	012014		#####	19,00	660,63 VSt	352	0,00	####	3476,99	-1	2_AUSG
4 #####	4240 Gas, Strom, Wasser	1200 Sparkasse Breisach #6004212	Stadt Breisach Abwasser		165,00	0,00	0,00 VSt	353	0,00	165,00	165,00	-1	2_AUSG
4 #####	4240 Gas, Strom, Wasser	1200 Sparkasse Breisach #6004212	Stadt Breisach Wasser		32,71	7,00	2,29 VSt	354		32,71	32,71	-1	2_AUSG
4 #####	4920 Telefon	1200 Sparkasse Breisach #6004212	Telekom 012014		54,89	19,00	10,43 VSt	359		54,89	54,89	-1	2_AUSG
4 #####	4970 Nebenkosten des Geldverkehrs	1200 Sparkasse Breisach #6004212	Darlehenspreis #6001227369		2,30	19,00	0,44 VSt	362	0,00	2,30	2,30	-1	2_AUSG
4 #####	4970 Nebenkosten des Geldverkehrs	1200 Sparkasse Breisach #6004212	Darlehenspreis #6001227369		2,30	19,00	0,44 VSt	363	0,00	2,30	2,30	-1	2_AUSG
4 #####	4970 Nebenkosten des Geldverkehrs	1200 Sparkasse Breisach #6004212	Darlehenspreis #6001227369		2,30	19,00	0,44 VSt	364	0,00	2,30	2,30	-1	2_AUS0
4 #####	4310 Nebenkosten des Geldverkehrs	1200 Sparkasse Breisach #6004212 1200 Sparkasse Breisach #6004212	Darlehenspreis #6001227369		2,30	19,00	0,44 VSt	365	0,00	2,30	2,30	-1	2_AUS0
								366					_
4 #####	4970 Nebenkosten des Geldverkehrs	1200 Sparkasse Breisach #6004212	Darlehenspreis #6001227369		2,30	19,00	0,44 VSt		0,00	2,30	2,30	-1	2_AUS0
4 #####	8300 Erlöse 7% Ust.	1000 Kasse			-100,56	7,00	-7,04 USt	70	100,56	0,00	100,56	-1	1_EINN
4 #####	8400 Erlöse 19% Ust.	1000 Kasse			-434,12	19,00	-82,48 USt	62	434,12	0,00	434,12	-1	1_EINN
4 #####	8400 Erlöse 19% Ust.	1000 Kasse			-81,01	19,00	-15,39 USt	67	81,01	0,00	81,01	-1	1_EINN
4 #####	8400 Erlöse 19% Ust.	1000 Kasse			-950,00	19,00	-180,50 USt	71	950,00	0,00	950,00	-1	1_EINN
4 #####	3300 Wareneingang 7% Vst.	1200 Sparkasse Breisach #6004212	Union SB		1569,08	7,00	109,84 VSt	368		####	1569,08	-1	2_AUS0
4 #####	3400 Wareneingang 19% Vorsteuer	1000 Kasse	Rewe		150,96	19,00	28,68 VSt	73		150,96	150,96	-1	2_AUS
4 #####	3400 Wareneingang 19% Vorsteuer	1200 Sparkasse Breisach #6004212	Union SB		-33,50	19,00	-6,37 VSt	367	33,50		33,50	-1	2_AUS0
4 #####	3400 Wareneingang 19% Vorsteuer	1200 Sparkasse Breisach #6004212	Union SB		105,91	19,00	20,12 VSt	370	0,00	105,91	105,91	-1	2_AUS0
4 #####	4250 Reinigung	1200 Sparkasse Breisach #6004212	Union SB		36,86	19,00	7,00 VSt	369	0,00	36,86	36,86	-1	2_AUS0
4 #####	4285 Dekoration	1200 Sparkasse Breisach #6004212	Union SB Servietten		79,91	19,00	15,18 VSt	371	0,00	79,91	79,91	-1	2_AUS0
4 #####	4380 Beiträge	1200 Sparkasse Breisach #6004212	Dehoga 01-06/14		327,12	0,00	0,00 VSt	374	0,00	327,12	327,12	-1	2_AUS0
4 #####	8300 Erlöse 7% Ust.	1000 Kasse			-184,21	7,00	-12,89 USt	80	184,21	0,00	184,21	-1	1_EINN
4 #####	8400 Erlöse 19% Ust.	1000 Kasse			-399,08	19,00	-75,82 USt	74	399,08	0,00	399,08	-1	1_EINN
4 #####	8400 Erlöse 19% Ust.	1000 Kasse			-27,31	19,00	-5,19 USt	78	27,31	0,00	27,31	-1	1_EINN

Examples for Other / New Techniques : Visualization of data – problems?

- 420.000 data sets?
- How to explore?
- Where to start?
- Searching?
- What kind of parameters?
- Where are the indicators?

<u>Examples for Other / New Techniques :</u> <u>Visualization of data – example</u>

- Restaurant
- Outside area
- Christmas celebration
- New year celebrations
- Additional participation on different markets
- No remarkable changes in business (same size, ... employees, ... suppliers....)

Examples for Other / New techniques :

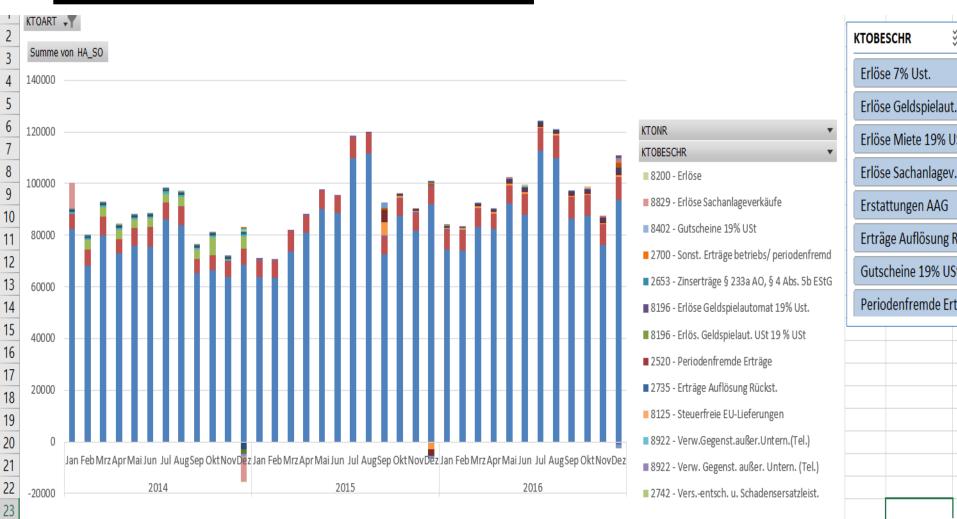
Visualization of data

Edit data

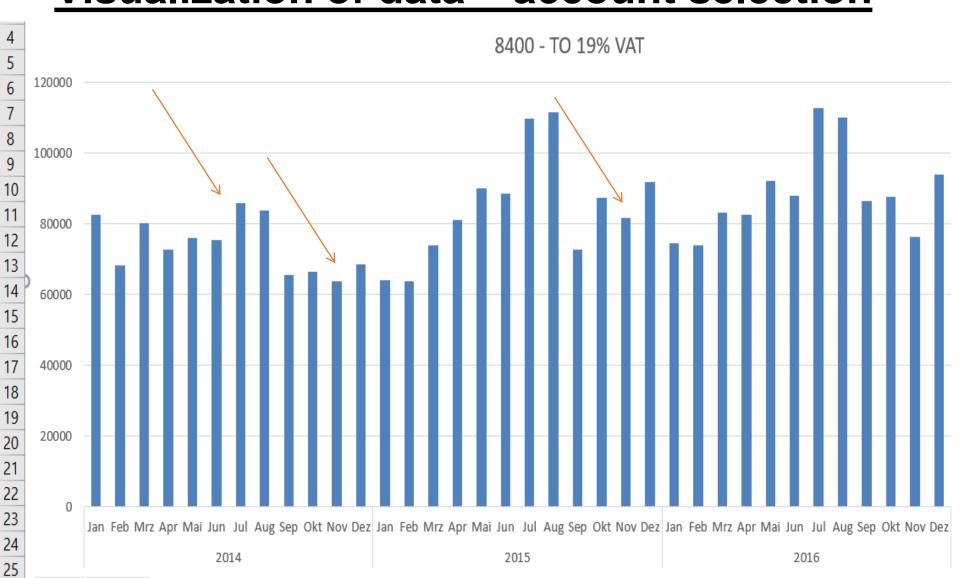
	Account	1_Turnover	T								
2	Summary										
		Names	4								
4	Names		∃8400	8400 Result	■ 8300	8300 Result	⊟ 8401	8401 Result	□ 8595	5	8595 Result
5	Names	→ TO 19% vAT			TO 7% VAT.		TO Rent 19%		Own Use 19%	Own Use 7%	
6	■ 2016										
7	Jan		74558,13	74558,13	7321,29	7321,29			468,91	1	468,91
8	Feb		74000,02	74000,02	7601,6	7601,6			577,31	l	577,31
7 8 9 10 11 12 13 14 15 16 17	Mrz		83051,91	83051,91	7555,7	7555,7					
10	Apr		82581,81	82581,81	5771,13	5771,13					
11	Mai		92233,09	92233,09	7157,46	7157,46					
12	Jun		87876,96	87876,96	8105,05	8105,05					
13	Jul		112721,13	112721,13	8712,68	8712,68					
14	Aug		109988,69	109988,69	8632,84	8632,84					
15	Sep		86489,65	86489,65	8225,34	8225,34					
16	Okt		87672,07	87672,07	7785,17	7785,17					
17	Nov		76292,42	76292,42	7888,52	7888,52					
18	Dez		93822,22	93822,22	8858,58	8858,58			-1046,22	2	-1046,22
19	⊞ 2015		1015907	1015907	82785,49	82785,49			7108,43	3	7108,43
20	⊞ 2014		889094,93	889094,93	77133,14	77133,14	39341,43	39341,43		9642,85	9642,85
21	Result		2966290,03	2966290,03	253533,99	253533,99	39341,43	39341,43	7108,43	9642,85	16751,28

Examples for Other / New Techniques:

Visualization of data Edited data – visualized



Examples for Other / New Techniques : Visualization of data – account selection



Examples for Other / New Techniques: Visualization of data – example Indicators for problems

- Summertime
 - reduced turnover compared with other years
- Christmastime
 - reduced turnover usually the busiest time of a year for restaurants

Examples for Other / New Techniques : Visualization

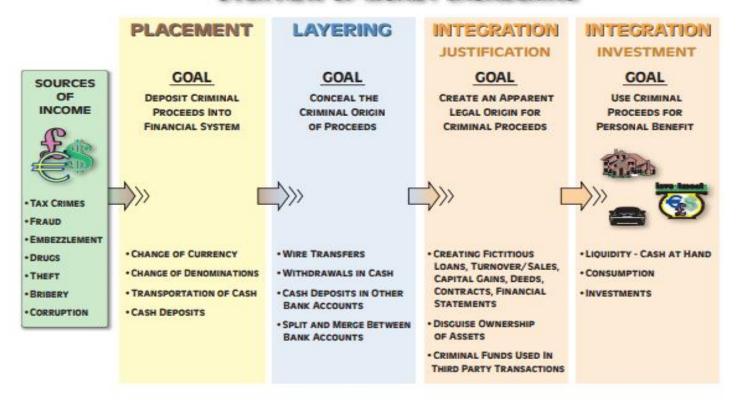
- Any expenditures
- Turnover
- Any other account like input VAT output VAT
- Almost everything could be visualized
- •

Methods of proof topics

- Direct method of proof
 - Specific item method
 - Different schemes
- Indirect method of proof
 - Net worth method
 - Projection method
- Preparing for trial

Part 7 - Money Laundring

OVERVIEW OF MONEY LAUNDERING



Focus on detection of money laundring

- All methodes mentioned before
 - to detect while placement process
 e.g. criminal or criminal organization
 owns a legitimate restaurant business.
 Money obtained from illegal activities
 is gradually deposited into a bank
 through the restaurant. The restaurant
 reports daily cash sales higher than
 what it actually takes in

Detection of money laundring

- All methodes mentioned before
 - to detect while layering process

 e.g. to deal with tax issues on example of the restaurant further disguise the criminal source of the extra deposited funds, the restaurant invests the money in another legitimate business, such as real estate further obscured from the authorities by using shell companies or holding companies that control several business enterprises that the laundered money

Detection of money laundring

- All methodes mentioned before
 - to detect while integration process

 e.g. integration the money is placed into legitimate business or personal investments (purchase high-end luxury goods, such as jewelry or automobiles. At this stage, the money has, ideally, been sufficiently laundered. The money is typically then either legitimately invested or exchanged for expensive assets such as property.

Indicators of Money Laundring

- All indicators as for detection of fraud/tax evasion/.....
 - Everything unusal / suspicious
 - Everything with no economical reason
 - Under-valuing or over-valuing of property value
 - Rapid successive buying and selling
 - Use of third parties or companies that distance the transaction from the criminal source of funds
 - •

<u>Indicators of money laundring –</u>

Real estate area

Table of indicators of FINTRAC

FINTRAC = Financial Transactions and Reports Analysis Centre of Canada

Table of indicators

