behavior_identity_theft	relation Heatmap for behavior_identity_th	neft	Co behavior_legitimate -	orrelation Heatmap for behavior_legitima	te
is_fraudster activity_type_Change Email	0.54		delta_time - amount -	0.20	
activity_type_Change Phone	0.41		activity_type_Make Purchase -	0.10	
activity_type_Change Password activity_type_Unauthorized Transfer	0.38		activity_type_Pay Bills - location_USA -	0.07	
activity_type_Suspicious Login activity_type_Request New Card			activity_type_Transfer Funds - location_France -		
location_Singapore location_Switzerland			location_UK - location_Japan -		
activity_type_Failed Login location_Cayman Islands		1.0	activity_type_Deposit Funds - granted -		1.00
location_Hong Kong month			virtual_id - location_China -		
initial_country_Japan	0.06		balance -	0.05	
real_id activity_type_Close Account	0.02	- 0.8	activity_type_Review activityments -	0.04	- 0.75
initial_country_USA second			location_Germany - activity_type_Invest Money -		
minute activity_type_Withdraw Funds			initial_country_UK - day -		0.50
activity_type_Max Out Credit activity_type_Balance Check		- 0.6	agent_type_traveler - initial_country_France -		- 0.50
activity_type_Report Lost Card activity_type_Cash Withdrawal			initial_country_Germany - minute -		
activity_type_Invest in Assets activity_type_Online Purchase	-0.00		second - activity_type_Apply for Credit Card -	-0.01	- 0.25
activity_type_Wire Transfer	-0.00	- 0.4	real_id -	-0.01	
activity_type_POS Purchase activity_type_Make Purchas	-0.00		month - activity_type_Apply for Loan -	-0.02	
activity_type_Request New PIN activity_type_Create Fake Identity			initial_country_Japan - hour -		- 0.00
initial_country_France activity_type_Open Account		- 0.2	initial_country_USA - $ ext{activity_type_Withdraw Funds}$ -		
behavior_money_laundering behavior_synthetic_identity_fraud					
initial_country_UK initial_country_Germany			activity_type_Failed Login - activity_type_Balance Check -		0.25
activity_type_Apply for Loan agent_type_traveler	-0.02	- 0.0	activity_type_Report Lost Card - activity_type_Cash Withdrawal -	-0.16	
activity_type_Apply for Credit Card activity_type_Invest Money	-0.02		activity_type_Invest in Assets - activity_type_Online Purchase -	-0.16	
hour	-0.02	0	activity_type_Wire Transfer -	-0.17	0.50
location_Germany activity_type_Review activityments	-0.02		activity_type_Request New Card -	-0.19	
location_China location_Japan					
location_France activity_type_Transfer Funds		0	activity_type_Unauthorized Transfer - activity_type_Request New PIN -		0.75
location_UK location_USA			activity_type_Change Password - activity_type_Change Phone -		
activity_type_Deposit Funds granted			activity_type_Open Account -		-1.00
initial_balance balance	-0.04		activity_type_Create Fake Identity - location_Switzerland -	-0.30	1.00
activity_type_Pay Bills	-0.05		behavior_money_laundering -	-0.41	
amount activity_type_Make Purchase			location_Cayman Islands - location_Hong Kong -	-0.42	
virtual_id delta_time			location_Singapore - behavior_identity_theft -		
day			behavior_synthetic_identity_fraud -	-0.60	
behavior_legitimate	-0.54		is_fraudster -	-1.00	
behavior_legitimate year			is_fraudster - year -		
year	behavior_identity_theft lation Heatmap for behavior_money_launc	dering	year -	behavior_legitimate on Heatmap for behavior_synthetic_ident	ity_fraud
year Corre	behavior_identity_theft lation Heatmap for behavior_money_launo 1.00	dering	year - Correlati	behavior_legitimate on Heatmap for behavior_synthetic_ident 1.00 0.60	ity_fraud
year Corre behavior_money_laundering activity_type_Make Purchas	behavior_identity_theft lation Heatmap for behavior_money_launo 1.00 0.48 0.42 0.41	dering	year - Correlation behavior_synthetic_identity_fraud - is_fraudster -	behavior_legitimate on Heatmap for behavior_synthetic_ident 1.00 0.60 0.51 0.38	ity_fraud
year Corre behavior_money_laundering activity_type_Make Purchas activity_type_Wire Transfer is_fraudster	behavior_identity_theft lation Heatmap for behavior_money_launo 1.00 0.48 0.42 0.41 0.40	dering	year - Correlation behavior_synthetic_identity_fraud - is_fraudster - activity_type_Create Fake Identity - activity_type_Open Account -	behavior_legitimate on Heatmap for behavior_synthetic_ident 1.00 0.60 0.51 0.38 0.27 0.26	ity_fraud
Corre behavior_money_laundering activity_type_Make Purchas activity_type_Wire Transfer is_fraudster activity_type_Invest in Assets activity_type_Cash Withdrawal location_Switzerland location_Cayman Islands	behavior_identity_theft lation Heatmap for behavior_money_launo 1.00 0.48 0.42 0.41 0.40 0.18 0.17	dering	Correlation behavior_synthetic_identity_fraud is_fraudster activity_type_Create Fake Identity activity_type_Open Account location_Hong Kong location_Singapore location_Cayman Islands activity_type_Max Out Credit	behavior_legitimate on Heatmap for behavior_synthetic_ident 1.00 0.60 0.51 0.38 0.27 0.26 0.25 0.19	ity_fraud
Corre behavior_money_laundering activity_type_Make Purchas activity_type_Wire Transfer is_fraudster activity_type_Invest in Assets activity_type_Cash Withdrawal location_Switzerland location_Cayman Islands location_Hong Kong location_Singapore	behavior_identity_theft lation Heatmap for behavior_money_launo 1.00 0.48 0.42 0.41 0.40 0.40 0.18 0.17 0.17 0.16		Correlation behavior_synthetic_identity_fraud is_fraudster activity_type_Create Fake Identity activity_type_Open Account location_Hong Kong location_Singapore location_Cayman Islands activity_type_Max Out Credit location_Switzerland activity_type_Withdraw Funds	behavior_legitimate on Heatmap for behavior_synthetic_ident 1.00 0.60 0.51 0.38 0.27 0.26 0.25 0.19 0.19 0.19	
Corre behavior_money_laundering activity_type_Make Purchas activity_type_Wire Transfer is_fraudster activity_type_Invest in Assets activity_type_Cash Withdrawal location_Switzerland location_Cayman Islands location_Hong Kong location_Singapore activity_type_Close Account initial_country_USA	behavior_identity_theft lation Heatmap for behavior_money_launce 1.00 - 0.48 - 0.42 - 0.41 - 0.40 - 0.18 - 0.17 - 0.16 - 0.06 - 0.03	dering	Correlation behavior_synthetic_identity_fraud -	behavior_legitimate on Heatmap for behavior_synthetic_ident 1.00 0.60 0.51 0.38 0.27 0.26 0.25 0.19 0.19 0.19 0.10 0.07 0.06	ity_fraud
Corre behavior_money_laundering activity_type_Make Purchas activity_type_Wire Transfer is_fraudster activity_type_Invest in Assets activity_type_Cash Withdrawal location_Switzerland location_Cayman Islands location_Hong Kong location_Singapore activity_type_Close Account initial_country_USA day hour	behavior_identity_theft lation Heatmap for behavior_money_launo		Correlation behavior_synthetic_identity_fraud - is_fraudster - activity_type_Create Fake Identity - activity_type_Open Account - location_Hong Kong - location_Singapore - location_Cayman Islands - activity_type_Max Out Credit - location_Switzerland - activity_type_Withdraw Funds - activity_type_Apply for Loan - initial_country_USA - activity_type_Apply for Credit Card - day -	behavior_legitimate on Heatmap for behavior_synthetic_ident 1.00 0.60 0.51 0.38 0.27 0.26 0.25 0.19 0.19 0.12 0.07 0.06 0.06 0.06 0.06 0.06	
Corre behavior_money_laundering activity_type_Make Purchas activity_type_Wire Transfer is_fraudster activity_type_Invest in Assets activity_type_Cash Withdrawal location_Switzerland location_Cayman Islands location_Hong Kong location_Singapore activity_type_Close Account initial_country_USA day	behavior_identity_theft lation Heatmap for behavior_money_launo		Correlation behavior_synthetic_identity_fraud is_fraudster activity_type_Create Fake Identity activity_type_Open Account location_Hong Kong location_Singapore location_Cayman Islands activity_type_Max Out Credit location_Switzerland activity_type_Withdraw Funds activity_type_Apply for Loan initial_country_USA activity_type_Apply for Credit Card	behavior_legitimate on Heatmap for behavior_synthetic_ident 1.00 0.60 0.51 0.38 0.27 0.26 0.25 0.19 0.19 0.10 0.06 0.006 0.006 0.006 0.004 0.003	
Corre behavior_money_laundering activity_type_Make Purchas activity_type_Wire Transfer is_fraudster activity_type_Invest in Assets activity_type_Cash Withdrawal location_Switzerland location_Gayman Islands location_Hong Kong location_Singapore activity_type_Close Account initial_country_USA day hour initial_country_France	behavior_identity_theft lation Heatmap for behavior_money_launo		Correlation behavior_synthetic_identity_fraud -	behavior_legitimate on Heatmap for behavior_synthetic_ident 1.00 0.60 0.51 0.38 0.27 0.26 0.25 0.19 0.19 0.12 0.07 0.06 0.06 0.06 0.06 0.006 0.004 0.003 0.002 0.001	1.0
Corre behavior_money_laundering activity_type_Make Purchas activity_type_Wire Transfer is_fraudster activity_type_Invest in Assets activity_type_Cash Withdrawal location_Switzerland location_Cayman Islands location_Hong Kong location_Singapore activity_type_Close Account initial_country_USA day hour initial_country_France initial_country_UK activity_type_Deposit Funds	behavior_identity_theft lation Heatmap for behavior_money_launce	1.0	Correlati behavior_synthetic_identity_fraud -	behavior_legitimate on Heatmap for behavior_synthetic_ident 1.00 0.60 0.51 0.38 0.27 0.26 0.25 0.19 0.19 0.12 0.07 0.06 0.06 0.06 0.006 0.006 0.001 0.000 0.000	1.0
Corre behavior_money_laundering activity_type_Make Purchas activity_type_Wire Transfer is_fraudster activity_type_Invest in Assets activity_type_Cash Withdrawal location_Switzerland location_Gayman Islands location_Hong Kong location_Singapore activity_type_Close Account initial_country_USA day hour initial_country_France initial_country_UK activity_type_Deposit Funds activity_type_Open Account initial_country_Germany activity_type_Withdraw Funds activity_type_Max Out Credit	behavior_identity_theft lation Heatmap for behavior_money_launce	1.0	Correlati behavior_synthetic_identity_fraud -	behavior_legitimate on Heatmap for behavior_synthetic_ident 1.00 0.60 0.51 0.38 0.27 0.26 0.25 0.19 0.19 0.10 0.06 0.07 0.06 0.06 0.07 0.06 0.00 0.00 0.00 0.00 0.00 0.000 0.000 0.000	1.0
Corre behavior_money_laundering activity_type_Make Purchas activity_type_Wire Transfer is_fraudster activity_type_Invest in Assets activity_type_Cash Withdrawal location_Switzerland location_Gayman Islands location_Hong Kong location_Singapore activity_type_Close Account initial_country_USA day hour initial_country_France initial_country_UK activity_type_Deposit Funds activity_type_Open Account initial_country_Germany activity_type_Withdraw Funds	behavior_identity_theft lation Heatmap for behavior_money_launo	1.0	Correlation behavior_synthetic_identity_fraud -	behavior_legitimate on Heatmap for behavior_synthetic_ident 1.00 0.60 0.51 0.38 0.27 0.26 0.25 0.19 0.19 0.12 0.07 0.06 0.06 0.04 0.03 0.02 0.01 0.00 0.00 0.00 0.00 -0.00 -0.00 -0.00 -0.00	- 0.8
Corre behavior_money_laundering activity_type_Make Purchas activity_type_Wire Transfer is_fraudster activity_type_Invest in Assets activity_type_Cash Withdrawal location_Switzerland location_Hong Kong location_Singapore activity_type_Close Account initial_country_USA day hour initial_country_France initial_country_UK activity_type_Deposit Funds activity_type_Open Account initial_country_Germany activity_type_Withdraw Funds activity_type_Max Out Credit activity_type_Balance Check activity_type_Report Lost Card activity_type_Online Purchase	behavior_identity_theft lation Heatmap for behavior_money_launo	- 0.8	Correlati behavior_synthetic_identity_fraud -	behavior_legitimate on Heatmap for behavior_synthetic_ident 1.00 0.60 0.51 0.38 0.27 0.26 0.25 0.19 0.19 0.12 0.07 0.06 0.06 0.04 0.03 0.02 0.01 0.00 0.00 0.00 -0.00 -0.00 -0.00 -0.00 -0.00 -0.00 -0.00 -0.00 -0.00 -0.00 -0.00 -0.00 -0.00	- 0.8
Corre behavior_money_laundering activity_type_Make Purchas activity_type_Wire Transfer is_fraudster activity_type_Invest in Assets activity_type_Cash Withdrawal location_Switzerland location_Cayman Islands location_Hong Kong location_Singapore activity_type_Close Account initial_country_USA day hour initial_country_France initial_country_UK activity_type_Deposit Funds activity_type_Deposit Funds activity_type_Open Account initial_country_Germany activity_type_Withdraw Funds activity_type_Max Out Credit activity_type_Failed Login activity_type_Balance Check activity_type_Pos Purchase activity_type_POS Purchase activity_type_POS Purchase	behavior_identity_theft lation Heatmap for behavior_money_launo	- 0.8	Correlati behavior_synthetic_identity_fraud -	behavior_legitimate on Heatmap for behavior_synthetic_ident 1.00 0.60 0.51 0.38 0.27 0.26 0.25 0.19 0.19 0.12 0.07 0.06 0.04 0.03 0.04 0.03 0.00 0.00 0.00 0.00 0.000 0.000 -0.00	- 0.8
Corre behavior_money_laundering activity_type_Make Purchas activity_type_Wire Transfer is_fraudster activity_type_Invest in Assets activity_type_Cash Withdrawal location_Switzerland location_Cayman Islands location_Hong Kong location_Singapore activity_type_Close Account initial_country_USA day hour initial_country_France initial_country_UK activity_type_Deposit Funds activity_type_Deposit Funds activity_type_Open Account initial_country_Germany activity_type_Withdraw Funds activity_type_Withdraw Funds activity_type_Max Out Credit activity_type_Balance Check activity_type_Report Lost Card activity_type_Pos Purchase activity_type_Pos Purchase activity_type_Pos Purchase activity_type_Request New Card activity_type_Suspicious Login activity_type_Unauthorized Transfer	behavior_identity_theft lation Heatmap for behavior_money_launo	- 0.8	Correlati behavior_synthetic_identity_fraud -	behavior_legitimate on Heatmap for behavior_synthetic_ident 1.00 0.60 0.51 0.38 0.27 0.26 0.25 0.19 0.19 0.12 0.07 0.06 0.06 0.006 0.004 0.03 0.002 0.01 0.000 0.000 0.000 -0.000	- 0.8 - 0.6
Corre behavior_money_laundering activity_type_Make Purchas activity_type_Wire Transfer is_fraudster activity_type_Invest in Assets activity_type_Cash Withdrawal location_Switzerland location_Gayman Islands location_Hong Kong location_Singapore activity_type_Close Account initial_country_USA day hour initial_country_France initial_country_France initial_country_UK activity_type_Deposit Funds activity_type_Open Account initial_country_Germany activity_type_Withdraw Funds activity_type_Max Out Credit activity_type_Failed Login activity_type_Report Lost Card activity_type_Online Purchase activity_type_POS Purchase activity_type_Request New Card activity_type_Suspicious Login	behavior_identity_theft lation Heatmap for behavior_money_launor	- 0.6	Correlati behavior_synthetic_identity_fraud -	behavior_legitimate on Heatmap for behavior_synthetic_ident 1.00 - 0.60 - 0.51 - 0.38 - 0.27 - 0.26 - 0.25 - 0.19 - 0.19 - 0.19 - 0.10 - 0.06 - 0.07 - 0.06 - 0.000 - 0.000	- 0.8 - 0.6
Corre behavior_money_laundering activity_type_Make Purchas activity_type_Wire Transfer is_fraudster activity_type_Invest in Assets activity_type_Cash Withdrawal location_Switzerland location_Cayman Islands location_Hong Kong location_Singapore activity_type_Close Account initial_country_USA day hour initial_country_France initial_country_France initial_country_UK activity_type_Deposit Funds activity_type_Deposit Funds activity_type_Max Out Credit activity_type_Max Out Credit activity_type_Balance Check activity_type_Report Lost Card activity_type_Nolline Purchase activity_type_POS Purchase activity_type_Request New Card activity_type_Suspicious Login activity_type_Unauthorized Transfer activity_type_Request New PIN	behavior_identity_theft lation Heatmap for behavior_money_launor	- 0.6	Correlation behavior_synthetic_identity_fraud -	behavior_legitimate on Heatmap for behavior_synthetic_ident 1.00 0.60 0.51 0.38 0.27 0.26 0.25 0.19 0.19 0.19 0.12 0.07 0.06 0.06 0.006 0.004 0.03 0.02 0.01 0.000	- 0.8 - 0.6
Corre behavior_money_laundering activity_type_Make Purchas activity_type_Wire Transfer is_fraudster activity_type_Invest in Assets activity_type_Cash Withdrawal location_Switzerland location_Hong Kong location_Hong Kong location_Singapore activity_type_Close Account initial_country_USA day hour initial_country_France initial_country_UK activity_type_Deposit Funds activity_type_Deposit Funds activity_type_Withdraw Funds activity_type_Withdraw Funds activity_type_Max Out Credit activity_type_Failed Login activity_type_Report Lost Card activity_type_Pos Purchase activity_type_Pos Purchase activity_type_Request New Card activity_type_Request New Card activity_type_Suspicious Login activity_type_Change Password activity_type_Change Password activity_type_Change Phone	behavior_identity_theft lation Heatmap for behavior_money_launo	- 0.6	Correlati behavior_synthetic_identity_fraud -	behavior_legitimate on Heatmap for behavior_synthetic_ident 1.00 0.60 0.51 0.38 0.27 0.26 0.25 0.19 0.19 0.12 0.07 0.06 0.06 0.04 0.03 0.02 0.01 0.00 0.00 0.00 0.00 0.000 -0.00	- 0.8 - 0.6
Corre behavior_money_laundering activity_type_Make Purchas activity_type_Wire Transfer is_fraudster activity_type_Invest in Assets activity_type_Cash Withdrawal location_Switzerland location_Hong Kong location_Hong Kong location_Singapore activity_type_Close Account initial_country_USA day hour initial_country_France initial_country_UK activity_type_Deposit Funds activity_type_Open Account initial_country_Germany activity_type_Withdraw Funds activity_type_Withdraw Funds activity_type_Max Out Credit activity_type_Balance Check activity_type_Balance Check activity_type_Report Lost Card activity_type_POS Purchase activity_type_POS Purchase activity_type_Request New Card activity_type_Suspicious Login activity_type_Unauthorized Transfer activity_type_Change Password activity_type_Change Phone activity_type_Change Email second	behavior_identity_theft lation Heatmap for behavior_money_launo	- 0.8 - 0.6	Correlati behavior_synthetic_identity_fraud -	behavior_legitimate on Heatmap for behavior_synthetic_ident 1.00 0.60 0.51 0.38 0.27 0.26 0.25 0.19 0.19 0.12 0.07 0.06 0.06 0.07 0.06 0.00 0.00 0.00 0.00 0.00 0.00 0.00 -0.00	- 0.8 - 0.4 - 0.2
Corre behavior_money_laundering activity_type_Make Purchas activity_type_Wire Transfer is_fraudster activity_type_Invest in Assets activity_type_Cash Withdrawal location_Switzerland location_Cayman Islands location_Hong Kong location_Singapore activity_type_Close Account initial_country_USA day hour initial_country_France initial_country_UK activity_type_Deposit Funds activity_type_Deposit Funds activity_type_Open Account initial_country_Germany activity_type_Withdraw Funds activity_type_Max Out Credit activity_type_Balance Check activity_type_Balance Check activity_type_Pos Purchase activity_type_Pos Purchase activity_type_Pos Purchase activity_type_Request New Card activity_type_Request New Card activity_type_Change Phone activity_type_Change Phone activity_type_Change Email second activity_type_Create Fake Identity minute behavior_identity_theft behavior_synthetic_identity_fraud	behavior_identity_theft lation Heatmap for behavior_money_launo	- 0.8 - 0.6	Correlati behavior_synthetic_identity_fraud -	behavior_legitimate on Heatmap for behavior_synthetic_ident 1.00 0.60 0.51 0.38 0.27 0.26 0.25 0.19 0.19 0.12 0.07 0.06 0.006 0.04 0.03 0.02 0.01 0.00 0.00 0.00 0.00 0.00 -0.00	- 0.8 - 0.6
Corre behavior_money_laundering activity_type_Make Purchas activity_type_Wire Transfer is_fraudster activity_type_Invest in Assets activity_type_Cash Withdrawal location_Switzerland location_Cayman Islands location_Hong Kong location_Singapore activity_type_Close Account initial_country_USA day hour initial_country_UK activity_type_Deposit Funds activity_type_Deposit Funds activity_type_Open Account initial_country_Germany activity_type_Withdraw Funds activity_type_Max Out Credit activity_type_Max Out Credit activity_type_Failed Login activity_type_Balance Check activity_type_Report Lost Card activity_type_POS Purchase activity_type_POS Purchase activity_type_Request New Card activity_type_Request New Card activity_type_Request New PIN activity_type_Change Password activity_type_Change Phone activity_type_Change Email second activity_type_Create Fake Identity minute behavior_identity_theft behavior_synthetic_identity_fraud agent_type_traveler virtual_id	behavior_identity_theft lation Heatmap for behavior_money_launo 1.00 - 0.48 - 0.42 - 0.41 - 0.40 - 0.40 - 0.18 - 0.17 - 0.16 - 0.06 - 0.03 - 0.03 - 0.01 - 0.01 - 0.00	- 0.8 - 0.6	Correlati behavior_synthetic_identity_fraud -	behavior_legitimate on Heatmap for behavior_synthetic_ident 1.00 0.60 0.51 0.38 0.27 0.26 0.25 0.19 0.19 0.10 0.07 0.06 0.006 0.04 0.03 0.02 0.01 0.000 0.000	- 0.8 - 0.4 - 0.2
Corre behavior_money_laundering activity_type_Make Purchas activity_type_Wire Transfer is_fraudster activity_type_Invest in Assets activity_type_Cash Withdrawal location_Switzerland location_Cayman Islands location_Singapore activity_type_Close Account initial_country_USA day hour initial_country_France initial_country_UK activity_type_Deposit Funds activity_type_Open Account initial_country_Germany activity_type_Withdraw Funds activity_type_Max Out Credit activity_type_Balance Check activity_type_Balance Check activity_type_Report Lost Card activity_type_POS Purchase activity_type_POS Purchase activity_type_Request New Card activity_type_Request New PIN activity_type_Change Password activity_type_Change Phone activity_type_Change Phone activity_type_Change Fake Identity minute behavior_identity_theft behavior_synthetic_identity_fraud agent_type_traveler virtual_id real_id activity_type_Apply for Loan	behavior_identity_theft lation Heatmap for behavior_money_launo	- 0.8 - 0.6	Correlati behavior_synthetic_identity_fraud -	behavior_legitimate On Heatmap for behavior_synthetic_ident 1.00 0.60 0.51 0.38 0.27 0.26 0.25 0.19 0.19 0.12 0.07 0.06 0.06 0.04 0.03 0.02 0.01 0.00 0.00 0.00 0.00 -0.00	- 0.8 - 0.4 - 0.2
Corre behavior_money_laundering activity_type_Make Purchas activity_type_Wire Transfer is_fraudster activity_type_Cash Withdrawal location_Switzerland location_Hong Kong location_Singapore activity_type_Close Account initial_country_USA day hour initial_country_France initial_country_France initial_country_Germany activity_type_Deposit Funds activity_type_Max Out Credit activity_type_Balance Check activity_type_Balance Check activity_type_Report Lost Card activity_type_POS Purchase activity_type_POS Purchase activity_type_Suspicious Login activity_type_Request New Card activity_type_Change Phone activity_type_Change Phone activity_type_Change Email second activity_type_Create Fake Identity minute behavior_identity_theft behavior_synthetic_identity_fraud agent_type_traveler virtual_id real_id activity_type_Apply for Credit Card activity_type_Apply for Credit Card activity_type_Apply for Credit Card activity_type_Invest Money	behavior_identity_theft lation Heatmap for behavior_money_launce -	- 0.8 - 0.6	Correlati behavior_synthetic_identity_fraud -	behavior_legitimate on Heatmap for behavior_synthetic_ident 1.00 0.60 0.51 0.38 0.27 0.26 0.25 0.19 0.19 0.10 0.00 0.00 0.00 0.00 0.00 0.00 0.00 -0.00	- 0.8 - 0.4 - 0.2
Corre behavior_money_laundering activity_type_Make Purchas activity_type_Wire Transfer is_fraudster activity_type_Invest in Assets activity_type_Cash Withdrawal location_Switzerland location_Hong Kong location_Singapore activity_type_Close Account initial_country_USA day hour initial_country_USA activity_type_Deposit Funds activity_type_Deposit Funds activity_type_Withdraw Funds activity_type_Withdraw Funds activity_type_Max Out Credit activity_type_Balance Check activity_type_Balance Check activity_type_Pos Purchase activity_type_Pos Purchase activity_type_Pos Purchase activity_type_Request New Card activity_type_Suspicious Login activity_type_Change Phone activity_type_Change Phone activity_type_Change Email second activity_type_Change Email second activity_type_Create Fake Identity minute behavior_identity_theft behavior_synthetic_identity_fraud agent_type_traveler virtual_id real_id activity_type_Apply for Credit Card activity_type_Review activityments location_Germany	behavior_identity_theft ation Heatmap for behavior_money_launo 1.00 - 0.48 - 0.42 - 0.41 - 0.40 - 0.18 - 0.17 - 0.16 - 0.06 - 0.03 - 0.03 - 0.01 - 0.01 - 0.00	- 0.6 - 0.6	Correlati behavior_synthetic_identity_fraud -	behavior_legitimate on Heatmap for behavior_synthetic_ident 1.00 0.60 0.51 0.38 0.27 0.26 0.25 0.19 0.19 0.12 0.07 0.06 0.06 0.06 0.06 0.00 0.00 0.00 0.00 0.00 0.00 -0.00	- 0.8 - 0.4 - 0.2
Corre behavior_money_laundering activity_type_Make Purchas activity_type_Wire Transfer is_fraudster activity_type_Invest in Assets activity_type_Cash Withdrawal location_Switzerland location_Cayman Islands location_Hong Kong location_Singapore activity_type_Close Account initial_country_USA day hour initial_country_France initial_country_France initial_country_UK activity_type_Deposit Funds activity_type_Deposit Funds activity_type_Max Out Credit activity_type_Max Out Credit activity_type_Failed Login activity_type_Balance Check activity_type_Report Lost Card activity_type_POS Purchase activity_type_POS Purchase activity_type_POS Purchase activity_type_Request New Card activity_type_Request New Card activity_type_Change Phone activity_type_Change Email second activity_type_Change Email second activity_type_Create Fake Identity minute behavior_identity_theft behavior_synthetic_identity_fraud agent_type_traveler virtual_id real_id activity_type_Apply for Credit Card activity_type_Apply for Credit Card activity_type_Polivest Money activity_type_Review activityments	behavior_identity_theft lation Heatmap for behavior_money_launo	- 0.8 - 0.6	Correlati behavior_synthetic_identity_fraud -	behavior_legitimate on Heatmap for behavior_synthetic_ident 1.00 0.60 0.51 0.38 0.27 0.26 0.25 0.19 0.19 0.10 0.00 0.006 0.04 0.03 0.002 0.01 0.00 0.000	- 0.8 - 0.4 - 0.2
Corre behavior_money_laundering activity_type_Make Purchas activity_type_Wire Transfer is_fraudster activity_type_Invest in Assets activity_type_Cash Withdrawal location_Switzerland location_Hong Kong location_Hong Kong location_Singapore activity_type_Close Account initial_country_USA day hour initial_country_UK activity_type_Deposit Funds activity_type_Deposit Funds activity_type_Deposit Funds activity_type_Max Out Credit activity_type_Max Out Credit activity_type_Balance Check activity_type_Balance Check activity_type_Report Lost Card activity_type_Report Lost Card activity_type_Request New Card activity_type_Request New Card activity_type_Suspicious Login activity_type_Change Password activity_type_Change Phone activity_type_Change Email second activity_type_Change Email second activity_type_Create Fake Identity minute behavior_identity_theft behavior_synthetic_identity_fraud agent_type_traveler virtual_id real_id activity_type_Apply for Credit Card activity_type_Request Money activity_type_Review activityments location_Germany location_China	behavior_identity_theft lation Heatmap for behavior_money_launo	- 0.6 - 0.6	Correlati behavior_synthetic_identity_fraud -	behavior_legitimate on Heatmap for behavior_synthetic_ident 1.00 0.60 0.51 0.38 0.27 0.26 0.25 0.19 0.19 0.12 0.07 0.06 0.06 0.04 0.03 0.02 0.01 0.00 0.00 0.00 0.00 -0.00	- 0.8 - 0.6 - 0.4 - 0.2
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Corre behavior_money_laundering activity_type_Make Purchas activity_type_Invest in Assets activity_type_Invest in Assets activity_type_Cash Withdrawal location_Switzerland location_Gayman Islands location_Hong Kong location_Singapore activity_type_Close Account initial_country_USA day hour initial_country_UK activity_type_Deposit Funds activity_type_Deposit Funds activity_type_Withdraw Funds activity_type_Max Out Credit activity_type_Balance Check activity_type_Balance Check activity_type_PoS Purchase activity_type_PoS Purchase activity_type_Request New Card activity_type_Request New Card activity_type_Request New PIN activity_type_Change Phone activity_type_Change Password activity_type_Change Phone activity_type_Change Email second activity_type_Create Fake Identity minute behavior_identity_theft behavior_synthetic_identity_fraud agent_type_traveler virtual_id real_id activity_type_Apply for Credit Card activity_type_Apply for Credit Card activity_type_Pop Invest Money activity_type_Review activityments location_Germany location_China location_UK initial_country_Japan initial_balance location_USA location_Japan activity_type_Transfer Funds balance location_USA	behavior_identity_theft lation Heatmap for behavior_money_launce	- 0.6 - 0.6 - 0.7	Correlati behavior_synthetic_identity_fraud -	behavior_legitimate On Heatmap for behavior_synthetic_ident 1.00 0.60 0.51 0.38 0.27 0.26 0.25 0.19 0.19 0.12 0.07 0.06 0.06 0.04 0.03 0.02 0.01 0.00 0.00 0.00 0.00 0.00 -0.0	- 0.8 - 0.6 - 0.4 - 0.2
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Corre behavior_money_laundering activity_type_Make Purchas activity_type_Invest in Assets activity_type_Invest in Assets activity_type_Cash Withdrawal location_Cayman Islands location_Hong Kong location_Singapore activity_type_Close Account initial_country_USA day hour initial_country_UK activity_type_Deposit Funds activity_type_Deposit Funds activity_type_Withdraw Funds activity_type_Max Out Credit activity_type_Max Out Credit activity_type_Balance Check activity_type_Report Lost Card activity_type_Pos Purchase activity_type_Roposit New Card activity_type_Request New Card activity_type_Request New Card activity_type_Request New PIN activity_type_Change Phone activity_type_Change Phone activity_type_Change Phone activity_type_Change Phone activity_type_Create Fake Identity minute behavior_identity_tret behavior_synthetic_identity_fraud agent_type_traveler virtual_id real_id activity_type_Apply for Credit Card activity_type_Apply for Credit Card activity_type_Positype_Invest Money activity_type_Review activityments location_Germany location_UK initial_country_Japan initial_balance location_USA location_USA location_Japan activity_type_Transfer Funds balance location_USA	behavior_identity_theft lation Heatmap for behavior_money_launc 1.00 0.48 0.42 0.41 0.40 0.40 0.18 0.17 0.16 0.06 0.03 0.03 0.03 0.01 0.01 0.01 0.01 0.00 0	- 0.6 - 0.6 - 0.7	COrrelati behavior_synthetic_identity_fraud - is_fraudster - activity_type_Create Fake Identity - activity_type_Create Fake Identity - activity_type_Open Account - location_Singapore - location_Switzerland - activity_type_Max Out Credit - location_Switzerland - activity_type_Mayply for Loan - initial_country_USA - activity_type_Apply for Credit Card - day - activity_type_Close Account - hour - activity_type_Pose Account - hour - activity_type_Failed Login - activity_type_Balance Check - activity_type_Balance Check - activity_type_Nore In Assets - activity_type_Nore Irransfer - activity_type_Pos Purchase - activity_type_Pos Purchase - activity_type_Request New Card - activity_type_Request New Card - activity_type_Request New Card - activity_type_Request New PIN - activity_type_Change Password - activity_type_Change Password - activity_type_Change Password - activity_type_Change Password - activity_type_Change Pinone - activ	behavior_legitimate on Heatmap for behavior_synthetic_ident 1.00 0.60 0.51 0.38 0.27 0.26 0.25 0.19 0.19 0.19 0.10 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.00	- 0.8 - 0.6 - 0.4 - 0.2
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