

Suspicious Transaction Alert

Dear AML Compliance Officer,

The transaction between sender_account 2109640283 and receiver_account 9370756208 has been flagged as **suspicious**. Details will be listed in PART A (transaction information), PART B (transaction features), and PART C (model justification).

PART A (Transaction Information)

Transaction Information Table

Column_Name	Column_Value
Transaction_id	T9040512
Hour	15
Minute	45
Date	2023-08-07
Year	2023
Month	8
Day	7
Sender_account	2109640283
Receiver_account	9370756208
Amount	5304.79
Amount_USD	6703.132644
Payment_currency	UK pounds
Received_currency	UK pounds
Sender_bank_location	UK
Receiver_bank_location	UK
Payment_type	ACH

PART B (Transaction Features)

Transaction Features Table

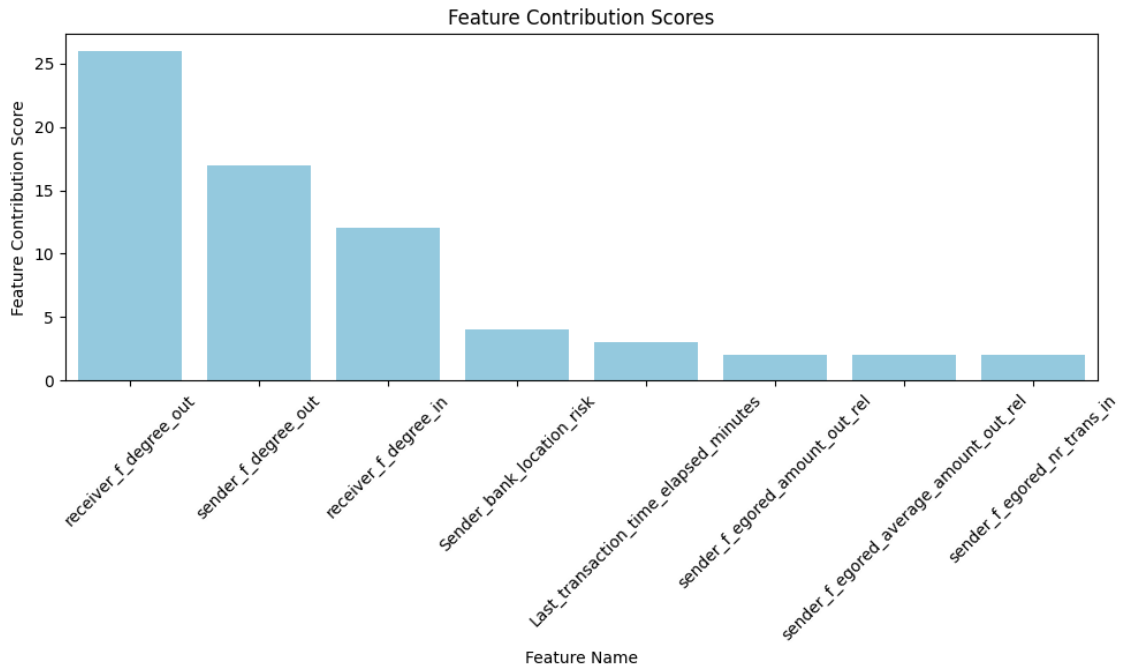
Column_Name	Column_Value
Last_transaction_time_elapsed_minutes	162517.23333333334
Amount_USD	6703.132644
Sender_bank_location_risk	4.0
Receiver_bank_location_risk	4.0
Payment_type_risk	4.0
Different_Currency	0.0
sender_f_degree_out	3.0
receiver_f_degree_out	4.0
receiver_f_degree_in	12.0
sender_f_egored_nr_trans_in	0.0

receiver_f_egored_degree_in_rel	0.16666666666666666
sender_f_degree_in	8.0
sender_f_nr_trans_in	86.0
sender_f_amount_out	113058.66478400001
receiver_f_egored_degree_out_rel	0.5
sender_f_egored_average_amount_out_rel	0.0
sender_f_egored_nr_trans_out	0.0
sender_f_average_amount_in	14437.002984686049
receiver_f_egored_nr_trans_in	11.0
sender_f_egored_degree_out_rel	0.0
sender_f_egored_amount_out_rel	0.0

PART C (Model Justification)

Feature Contribution Score Table

feature_name	feature_value	feature_contribution_score
receiver_f_degree_out	4.0	26.0
sender_f_degree_out	3.0	17.0
receiver_f_degree_in	12.0	12.0
Sender_bank_location_risk	4.0	4.0
Last_transaction_time_elapsed_minutes	162517.23333333334	3.0
sender_f_egored_amount_out_rel	0.0	2.0
sender_f_egored_average_amount_out_rel	0.0	2.0
sender_f_egored_nr_trans_in	0.0	2.0



Explanation:

The A.I. identified the above features as significant for predicting suspicious transactions, based on their contribution scores. Higher scores indicate greater influence on the prediction outcome.

The combination of these conditions raises concerns about the transaction's nature. Further investigation is warranted to ensure compliance with anti-money laundering regulations.

Please let me know if you require any further information or assistance regarding this matter.

Sincerely,
[Python Developer]

