

Transaction Data Profiling - Field Definitions

Field No.	Field Name	Description	Allowable Value / Constraints / Rules
1	Transaction ID	Unique identifier for each transaction.	Alphanumeric, must be unique.
2	Customer ID	Unique internal identifier for the customer involved in the transaction.	Alphanumeric, must not be null.
3	Account Balance	The balance in the customer's account at the time of transaction.	Numeric must not be negative except for overdraft accounts explicitly marked with an "OD" flag.
4	Reported Amount	The amount reported for the transaction.	Numeric must be greater than zero.
5	Transaction Amount	The actual amount processed in the transaction.	Must match Reported Amount , except for cross-currency conversions where a deviation of up to 1% is allowed.
6	Currency	The currency in which the transaction is recorded.	Must be a valid ISO 4217 currency code. Transactions must adhere to cross-border transaction limits per regulatory guidelines.
7	Country	The country where the transaction originated.	Must be a valid ISO 3166-1 alpha-2 country code. Cross-border transactions must include mandatory transaction remarks if the amount exceeds regulatory thresholds.

8	Transaction Date	The date when the transaction occurred.	Must not be in the future . Transactions older than 365 days should trigger a data validation alert .
9	Merchant ID	Unique identifier for the merchant processing the transaction.	Alphanumeric, must be valid if present.
10	Payment Method	Mode of transaction (e.g., Credit Card, Wire Transfer, Cash).	Must be a valid payment type. Cross-border transactions via cash should require additional verification.