



Customer

C1	C2	C3	C4	1	1	1	1	1	...	1	1
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Transaction

T1	T2	T3	T4	T5	T6	T7	T8	1	...	1	1
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Merchant

M1	M2	M3	1	1	1	1	1	1	...	1	1
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Customer

C'1	C'2	C'3	C'4	0.97	0.91	1.02	1.05	1.01	...	0.86	0.8
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Transaction

T'1	T'2	T'3	T'4	T'5	T'6	T'7	T'8	1.1	...	0.97	1.13
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Merchant

M'1	M'2	M'3	0.8	1.2	0.92	1.14	...	...	...	1.3	0.93
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