Variable Summary Table

Description of Variables	# Variables Created
Age When Apply Age of the applicant upon application submission	1
Day of Week Target Encoding Average fraud percentage of that day	1
Days Since Number of days since an application with that entity was last seen	23
Velocity Number of records with the same entity over the last 0,1,3,7,14,30 days	138
Relative Velocity Ratio of the short-term velocity (0,1 days) to a longer-term (3,7,14,30 day) averaged velocity	184
Count by Entities Count of unique values for an entity comparing with another entity over the period of 0,1,3,7,14,30,60 days	3542
Maximum Indicator Maximum count of each entity over the period of 1,3,7,30 days	92
Age Indicator Include the maximum value, minimum value and the average value of applicants' age by each entity	69
Total Number of Variables	**4050**
Total Number of columns 2 original columns are 'Record' and 'fraud_label'	**4052**
After deduplication, there were 2242 columns left.	