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(54) Title: METHODS AND SYSTEMS FOR GENERATING SYNTHETIC DATA

(57) Abstract: Described embodiments generally relate to a computer-implemented method. The method comprises retrieving at least one data generation parameter; selecting a recursion pattern; generating a sequence of transaction data points, where each data point comprises a transaction amount and a transaction date, where the transaction amount is generated based on the at least one data generation parameter, and where the transaction date is generated based on the recursion pattern; adding at least one non-recurring transaction data point to the sequence, the non-recurring transaction data point being a transaction data point with a transaction date that does not follow the recursion pattern; and training a machine learning model using the generated sequence.

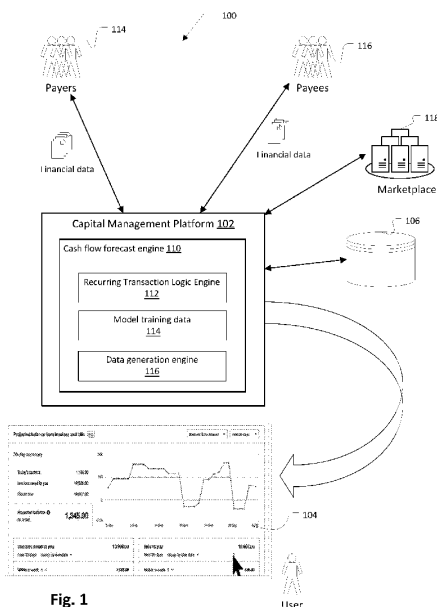


Fig. 1

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