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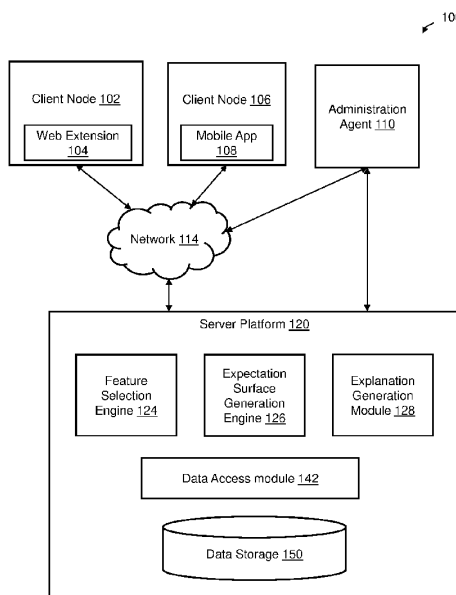


FIG. 1

(57) Abstract: The platforms, systems and methods provided herein may provide explanations for AI algorithm outputs to facilitate efficiency and trust for a user. More specifically, the platforms, systems and methods provided herein may provide anomaly detection using explainable machine learning algorithms. Provided here is a computer-implemented method for providing explanations for AI algorithm outputs, comprising: (a) receiving transaction log data; (b) identifying anomalous transactions based at least in part on the transaction log data; (c) generating an expectation surface for one or more anomalous transactions; and (d) generating explanations for the anomalous transactions based at least in part on the expectation surface.

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