ABSTRACT

Aspects concern a server for facilitating determining a driver fare for an on-demand service, the server comprising: a memory configured to store instructions; a communication interface configured to receive an order for the on-demand service from a computing device; and a processor for executing the stored instructions and configured to: parse information about the order; query one or more first features relating to a real-time supply condition in relation to the order based on the information about the order; input the first features into a deep neural network model; predict an acceptance probability that a delivery service provider will accept the order at a current driver fare, using the deep neural network model that the first features are input; and determine a new driver fare based on the predicted acceptance probability.

FIG. 5