

ABSTRACT

According to various aspects, a computer system for generating driving-related instructions may include: a processor; and a memory configured to store instructions, wherein the instructions, when executed by the processor, cause the processor to: obtain driving contextual data associated with a driver, wherein the driving contextual data are representative of driver-related parameters influencing a driving performance of the driver; determine a personalized risk profile associated with the driver based on the driving contextual data, wherein the personalized risk profile comprises a risk score associated with a driving-related risk for the driver and risk factors influencing the risk score; determine a risk scenario associated with the driver based on the personalized risk profile, wherein the risk scenario is representative of driving-related conditions causing an increased driving-related risk for the driver; and determine the driving-related instructions associated with the driver based on the personalized risk profile and on the risk scenario.

FIG. 2