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(54) Title: SERVICE TASK EXECUTION METHOD AND APPARATUS, AND COMPUTER-READABLE STORAGE MEDIUM

(54) 发明名称: 业务任务执行方法、装置以及计算机可读存储介质

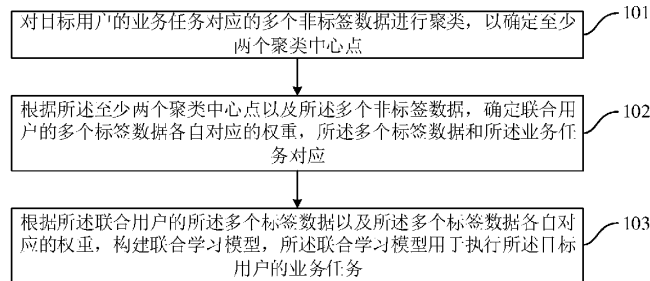


图 1

- 101 Cluster a plurality of pieces of non-label data corresponding to a service task of a target user, so as to determine at least two cluster center points
- 102 According to the at least two cluster center points and the plurality of pieces of non-label data, determine weights corresponding to a plurality of pieces of label data of a joint user, wherein the plurality of pieces of label data correspond to the service task
- 103 According to the plurality of pieces of label data of the joint user and the weights corresponding to the plurality of pieces of label data, construct a joint learning model, wherein the joint learning model is used for executing the service task of the target user

(57) Abstract: A service task execution method and apparatus, and a computer-readable storage medium and an electronic device. The method comprises: clustering a plurality of pieces of non-label data corresponding to a service task of a target user, so as to determine at least two cluster center points (101); according to the at least two cluster center points and the plurality of pieces of non-label data, determining weights corresponding to a plurality of pieces of label data of a joint user, wherein the plurality of pieces of label data correspond to the service task (102); and according to the plurality of pieces of label data of each joint user and the weights corresponding to the plurality of pieces of label data, constructing a joint learning model, wherein the joint learning model is used for executing the service task of the target user (103). When a target user does not have a label, non-label data is migrated to label data by means of the weights of the label data, so as to ensure that the service task of the target user can be achieved.

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本国际公布:

— 包括国际检索报告 (条约第21条(3))。

(57) 摘要: 一种业务任务执行方法、装置、计算机可读存储介质及电子设备, 方法包括: 对目标用户的业务任务对应的多个非标签数据进行聚类, 以确定至少两个聚类中心点 (101); 根据所述至少两个聚类中心点以及所述多个非标签数据, 确定联合用户的多个标签数据各自对应的权重, 所述多个标签数据和所述业务任务对应 (102); 根据各个所述联合用户各自的所述多个标签数据以及所述多个标签数据各自对应的权重, 构建联合学习模型, 所述联合学习模型用于执行所述目标用户的业务任务 (103)。可在目标用户不具有标签的前提下, 通过标签数据的权重, 将非标签数据迁移到了标签数据上, 确保能够实现目标用户的业务任务。