

ABSTRACT

DETERMINATION OF TASK AUTOMATION USING AN ARTIFICIAL
INTELLIGENCE MODEL

A device may process, using a first model and based on an entity-specific task description that is included in entity role data and that is associated with a role, the entity role data to identify a task associated with the role. The device may determine, using a second model and based on the entity-specific task description and standardized descriptions of automation-capable tasks, a task automation score associated with the task. The device may determine, using a third model and based on a characteristic of the task and mappings of standardized characteristics to a plurality of automation categories, a set of automation category scores for the task. The device may classify, based on the set of automation category scores, the task as being associated with a particular automation category, and may perform an action associated with the task automation score and the particular automation category.

Figure 1A