WHAT IS CLAIMED IS:

1. A method, comprising:

receiving, by a device, entity role data that is associated with a role of an entity;

processing, by the device and using a first model, the entity role data to identify a task associated with the role,

wherein the first model is configured to identify the task based on an entity-specific task description that is included in the entity role data and that is associated with the role;

determining, by the device and using a second model, a task automation score associated with the task,

wherein the second model is configured to determine the task automation score based on the entity-specific task description and standardized task descriptions of automation-capable tasks;

determining, by the device and using a third model, a set of automation category scores for the task,

wherein the third model is configured to determine the set of automation category scores based on a characteristic of the task and standardized characteristics that are mapped to a plurality of automation categories;

classifying, by the device and based on the set of automation category scores, the task as being associated with an automation category of the plurality of automation categories; ~~and~~

performing, by the device, an action associated with the task automation score and the automation category;

determining that the task automation score satisfies a threshold that indicates that the task is an automation-capable task that is associated with the automation category,

wherein the one or more processors, when performing the action, are configured to:

provide a notification that the task is an automation-capable task that is associated with the automation category;

determining that the task automation score is one of a set of task automation scores that are associated with a plurality of tasks of the role and that satisfy the threshold,

wherein the one or more processors, when performing the action, are configured to:

determine, based on a quantity of the set of task automation scores and a quantity of the plurality of tasks, a probability that the role is automatable; and

provide, to a management device, the probability that the role is automatable in association with the set of task automation scores;

obtaining entity resource information associated with the entity;

identifying, from the entity resource information, a plurality of workforce types that are available to the entity to perform the task;

determining, based on the entity resource information and the entity-specific task description, probabilities that the plurality of workforce types are configured to perform the task; and

identifying, based on the probabilities, that a first workforce type, of the plurality of workforce types, is likely configured to perform the task,

wherein performing the action comprises:

performing a cost-benefit analysis of performing the task using the first workforce type or a second workforce type that is not associated with a resource of the entity.

2. The method of claim 1, wherein the first model is trained based on standardized role descriptions associated with a plurality of standardized roles and sets of standardized tasks that are associated with the plurality of standardized roles.

3. The method of claim 1, wherein the second model is trained based on standardized task descriptions associated with a plurality of automation-capable tasks.

4. The method of claim 1, wherein the third model is trained based on standardized automation category descriptions associated with the automation-capable tasks, and

wherein the set of automation category scores correspond to individual probabilities that the task is associated with the plurality of automation categories.

~~5. The method of claim 1, further comprising:~~

~~obtaining entity resource information associated with the entity;~~

~~identifying, from the entity resource information, a plurality of workforce types that are available to the entity to perform the task;~~

~~determining, based on the entity resource information and the entity-specific task description, probabilities that the plurality of workforce types are configured to perform the task; and~~

~~identifying, based on the probabilities, that a first workforce type, of the plurality of workforce types, is likely configured to perform the task,~~

~~wherein performing the action comprises:~~

~~performing a cost-benefit analysis of performing the task using the first workforce type or a second workforce type that is not associated with a resource of the entity.~~

~~6.~~5.The method of claim 1, further comprising:

determining a skill profile associated with the role,

wherein performing the action comprises:

determining a skill recommendation for the skill profile; and

providing, to a management device, the skill recommendation.

~~7.~~6.The method of claim 1, wherein performing the action comprises at least one of:

providing, to a management device, the task automation score and the automation category; or

causing a display of a user interface to present the task automation score and the automation category.

~~8.~~7.A device, comprising:

one or more memories; and

one or more processors communicatively coupled to the one or more memories, configured to:

process, using a machine learning model, entity role data to identify a task associated with a role of an entity,

wherein the entity role data is specific to the entity;

determine, using the machine learning model, a task automation score associated with the task,

wherein the task automation score is associated with a probability that the task is capable of being automated;

determine, using the machine learning model, a set of automation category scores for the task,

wherein the machine learning model is trained based on standardized data that is associated with standardized role descriptions of standardized roles, standardized task descriptions of standardized tasks, and standardized automation category descriptions of standardized automation-capable tasks;

classify, based on the set of automation category scores, the task as being associated with an automation category of a plurality of automation categories that are associated with the standardized automation-capable tasks; ~~and~~

perform an action associated with the task automation score and the automation category;

determine that the task automation score satisfies a threshold that indicates that the task is an automation-capable task that is associated with the automation category,

wherein the one or more processors, when performing the action, are configured to:

provide a notification that the task is an automation-capable task that is associated with the automation category;

determine that the task automation score is one of a set of task automation scores that are associated with a plurality of tasks of the role and that satisfy the threshold,

wherein the one or more processors, when performing the action, are configured to:

determine, based on a quantity of the set of task automation scores and a quantity of the plurality of tasks, a probability that the role is automatable; and

provide, to a management device, the probability that the role is automatable in association with the set of task automation scores;

determine that the task automation score satisfies a threshold that indicates that the task is an automation-capable task that is associated with the automation category;

obtain, based on the task automation score satisfying the threshold, entity resource information associated with the entity;

identify, from the entity resource information, a plurality of workforce types that are available to the entity to perform the task;

determine, based on the entity resource information and an entity-specific task description of the task, probabilities that the plurality of workforce types are configured to perform the task; and

identifying, based on the probabilities, that a first workforce type, of the plurality of workforce types, is likely configured to perform the task,

wherein the one or more processors, when performing the action, are configured to:

perform a cost-benefit analysis of performing the task using the first workforce type or a second workforce type that is associated with the automation-capable task.

~~9.~~8. The device of claim ~~8~~7, wherein the machine learning model comprises a plurality of models that are independently trained based on the standardized role descriptions, the standardized task descriptions, and the standardized automation category descriptions.

~~10. The device of claim 8, wherein the one or more processors are further configured to:~~

~~determine that the task automation score satisfies a threshold that indicates that the task is an automation-capable task that is associated with the automation category,~~

wherein the one or more processors, when performing the action, are configured to:

provide a notification that the task is an automation-capable task that is associated with the automation category.

11. The device of claim 10, wherein the one or more processors are further configured to:

determine that the task automation score is one of a set of task automation scores that are associated with a plurality of tasks of the role and that satisfy the threshold,

wherein the one or more processors, when performing the action, are configured to:

determine, based on a quantity of the set of task automation scores and a quantity of the plurality of tasks, a probability that the role is automatable; and

provide, to a management device, the probability that the role is automatable in association with the set of task automation scores.

12. The device of claim 8, wherein the one or more processors are further configured to:

determine that the task automation score satisfies a threshold that indicates that the task is an automation-capable task that is associated with the automation category;

obtain, based on the task automation score satisfying the threshold, entity resource information associated with the entity;

identify, from the entity resource information, a plurality of workforce types that are available to the entity to perform the task;

determine, based on the entity resource information and an entity-specific task description of the task, probabilities that the plurality of workforce types are configured to perform the task; and

~~identifying, based on the probabilities, that a first workforce type, of the plurality of workforce types, is likely configured to perform the task,~~

~~wherein the one or more processors, when performing the action, are configured to:~~

~~perform a cost-benefit analysis of performing the task using the first workforce type or a second workforce type that is associated with the automation-capable task.~~

~~13.~~9. The device of claim ~~8~~7, wherein the one or more processors are further configured to:

determine a skill profile associated with the role,

wherein the one or more processors, when performing the action, are configured to:

determine a skill recommendation for the skill profile; and

provide, to a management device, the skill recommendation to cause an adjustment associated with performance of the task.

~~14.~~10. The device of claim ~~8~~7, wherein the one or more processors, when performing the action, are configured to at least one of:

provide, to a management device, the task automation score and the automation category; or

cause a display of a user interface to present the task automation score and the automation category.

~~15.~~11. A non-transitory computer-readable medium storing instructions, the instructions comprising:

one or more instructions that, when executed by one or more processors, cause the one or more processors to:

receive entity data that is associated with a role of an entity;

process, using an automation category prediction model, the entity data to determine task automation information that is associated with tasks of the role,

wherein the automation category prediction model is configured to determine the task automation information based on an entity-specific task description of the role in the entity data, standardized role descriptions that are associated with standardized roles, and standardized task automation descriptions that are associated with standardized automation-capable tasks;

process, using an adaptive workforce model, the entity data to determine adaptive workforce information that is associated with resources of the entity,

wherein the adaptive workforce model is configured to determine the adaptive workforce information based on entity resource information in the entity data, the task automation information, and standardized workforce descriptions associated with standardized workforce types;

process, using a skills analysis model, the entity data to determine a skills recommendation associated with the role,

wherein the skills analysis model is configured to determine the skills recommendations based on standardized skill descriptions associated with the standardized role descriptions; and

perform an action associated with the task automation information, the adaptive workforce information, or the skills recommendation;

determine that the task automation score satisfies a threshold that indicates that the task is an automation-capable task that is associated with the automation category,

wherein the one or more processors, when performing the action, are configured to:

provide a notification that the task is an automation-capable task that is associated with the automation category,

determine that the task automation score is one of a set of task automation scores that are associated with a plurality of tasks of the role and that satisfy the threshold,

wherein the one or more processors, when performing the action, are configured to:

determine, based on a quantity of the set of task automation scores and a quantity of the plurality of tasks, a probability that the role is automatable; and

provide, to a management device, the probability that the role is automatable in association with the set of task automation scores.

~~16.~~12. The non-transitory computer-readable medium of claim ~~15~~11, wherein the task automation information identifies at least one of:

probabilities that the tasks are automation-capable tasks,

a probability that the role can be automated, or

automation categories associated with the tasks,

wherein the one or more instructions, that cause the one or more processors to perform the action, cause the one or more processors to:

provide the task automation information to a management device.

~~17.~~13. The non-transitory computer-readable medium of claim ~~15~~11, wherein the adaptive workforce information identifies at least one of:

probabilities that the tasks are being performed by one of the standardized workforce types, or

a cost/benefit outcome associated with adapting one or more of the tasks to be automated or performed by an external party,

wherein the one or more instructions, that cause the one or more processors to perform the action, cause the one or more processors to:

provide the adaptive workforce information to a management device.

~~18.~~14. The non-transitory computer-readable medium of claim ~~150~~11, wherein the skills recommendation identifies at least one of:

a recommendation that a skill set should be adapted,

a recommendation that a skill set should be adjusted, or

a recommendation that a skill set should be performed by another role that is different than the role,

wherein the one or more instructions, that cause the one or more processors to perform the action, cause the one or more processors to:

provide the skills recommendation to a management device.

~~19.~~15. The non-transitory computer-readable medium of claim ~~15~~11, wherein the automation category prediction model, the adaptive workforce model, and the skills analysis model are associated with a same type of model and are trained based on different sets of standardized data.

~~20.~~16. The non-transitory computer-readable medium of claim ~~15~~11, wherein the one or more instructions, that cause the one or more processors to perform the action, cause the one or more processors to:

provide, to a management device, the task automation information, the adaptive workforce information, and the skill recommendation; or

cause a display of a user interface to present the task automation information, the adaptive workforce information, and the skill recommendation.