What is claimed is:CLAIMS

1. A system, comprising:

an opportunity mining module structured to receive input regarding an attribute of a task or a domain, and process the input to determine whether an artificial intelligence system can be applied to the task or the domain;

an artificial intelligence search engine structured to receive the input, and perform a search of an artificial intelligence store of a plurality of domain-specific and general artificial intelligence models and model components using the input and at least one selection criteria to identify at least one of an artificial intelligence model or a model component to apply to the task or the domain; and

an artificial intelligence configuration module structured to configure one or more data inputs to use with the at least one of the artificial intelligence model or the model component.

2. The system of claim 1, wherein the artificial intelligence search engine ranks one or more results of the search according to a strength or a weakness of the at least one of the artificial intelligence model or the model component relative to the at least one selection criteria.

3. The system of claim 1, wherein the at least one of the artificial intelligence model or the model component is at least one of a neural network, a machine learning system, or an expert system.

4. The system of claim 1, wherein the at least one selection criteria comprises at least one of an availability of the at least one of the artificial intelligence model or the model component to execute in a user environment, an availability of the at least one of the artificial intelligence model or the model component to at least one user, a governance principle, a governance policy, a computational factor, a network factor, a data availability, a task-specific factor, a performance factor, a quality of service factor, a model deployment consideration, a security consideration, or a human interface.

5. The system of claim 1, wherein the artificial intelligence configuration module is further structured to configure the at least one of the artificial intelligence model or the model component in accordance with at least one configuration criteria.

6. The system of claim 5, wherein the at least one configuration criteria comprises at least one of an availability of the at least one of the artificial intelligence model or the model component to execute in a user environment, an availability of the at least one of the artificial intelligence model or the model component to a user, a governance principle, a governance policy, a computational factor, a network factor, a data availability, a task-specific factor, a performance factor, a quality

~~of service factor, a model deployment consideration, a security consideration, or a human interface.~~

~~7. The system of claim 5, wherein the at least one configuration criteria comprises at least one of a selection of a neural network type, a selection of an input model type, a setting of initial model weights, a setting of model size, a selection of computational deployment environment, a selection of input data sources for training, a selection of input data sources for operation, a selection of feedback function/outcome measures, a selection of data integration language(s) for inputs and outputs, a configuration of application programming interfaces (APIs) for model training, a configuration of APIs for model inputs, a configuration of APIs for outputs, a configuration of access controls, a configuration of security parameters, a configuration of network protocols, a configuration of storage parameters, a configuration of economic factors, a configuration of data flows, a configuration of high availability, one or more fault tolerance environments, a price-based data acquisition strategy, a heuristic method, a decision to make a decision model, or a coordination of massively parallel decision making environments.~~

~~8. The system of claim 1, wherein the artificial intelligence store includes metadata or other descriptive material indicating a suitability of an artificial intelligence model or model component for at least one of solving a particular type of problem or operating on domain-specific inputs, data, or other entities.~~

~~9. The system of claim 8, wherein the problem is at least one of a forecasting, an NLP, an image recognition, a pattern recognition, a motion detection, or a route optimization.~~

~~10. The system of claim 1, wherein the artificial intelligence store is organized by a category.~~

~~11. The system of claim 10, wherein the category is at least one of an artificial intelligence model component type, a domain, an input type, a processing type, an output type, a computational requirement, a computational capability, a cost, or an energy usage.~~

~~12. The system of claim 1, wherein the artificial intelligence search engine further comprises a collaborative filter structured to receive an indication of an element of the at least one artificial intelligence model or model component from a user that is used to filter search results comprising the at least one artificial intelligence model or model component.~~

~~13. The system of claim 1, wherein the artificial intelligence search engine further comprises a clustering engine structured to cluster search results comprising the at least one artificial intelligence model or model component.~~

14. The system of claim 13, wherein the clustering engine is at least one of a similarity matrix or a k-means clustering.

15. The system of claim 13, wherein the clustering engine associates at least one of similar developers, similar domain-specific problems, or similar artificial intelligence solutions in the search results.

16. The system of claim 1, wherein the artificial intelligence store includes at least one e-commerce feature.

17. The system of claim 16, wherein the at least one e-commerce feature comprises at least one of a rating, a review, a link to relevant content, a mechanism for provisioning, a mechanism for licensing, a mechanism for delivery, or a mechanism for payment.

18. A method, comprising:

receiving input regarding an attribute of a task or a domain, and processing the input to determine whether an artificial intelligence system can be applied to the task or the domain;

performing a search of an artificial intelligence store of a plurality of domain-specific and general artificial intelligence models and model components using the input and at least one selection criteria to identify at least one of an artificial intelligence model or a model component to apply to the task or the domain; and

configuring one or more data inputs to use with the at least one of the artificial intelligence model or the model component.

19. The method of claim 18, further comprising ranking one or more results of the search according to a strength or a weakness of the at least one of the artificial intelligence model or the model component relative to the at least one selection criteria.

20. The method of claim 18, further comprising configuring the at least one of the artificial intelligence model or the model component in accordance with at least one configuration criteria.

21. The method of claim 18, wherein the artificial intelligence store includes metadata or other descriptive material indicating a suitability of an artificial intelligence system for at least one of solving a particular type of problem or operating on domain-specific inputs, data, or other entities.

22. The method of claim 18, further comprising collaborative filtering search results comprising the at least one of the artificial intelligence model or the model component using an element of the at least one of the artificial intelligence model or the model component selected by a user.

23. The method of claim 18, further comprising clustering search results comprising the at least one of the artificial intelligence model or the model component with a clustering engine.

24. A system, comprising:

an opportunity mining module that receives input regarding an attribute of a task or a domain, and processes the input to determine whether an artificial intelligence system can be applied to the task or the domain;

an artificial intelligence search engine that receives the input, and performs a search of an artificial intelligence store of a plurality of domain-specific and general artificial intelligence models and model components using the input to identify at least one of an artificial intelligence model or a model component to apply to the task or the domain; and

an artificial intelligence configuration module that configures one or more data inputs to use with the at least one of the artificial intelligence model or the model component.

25. The system of claim 24, further comprising using at least one selection criteria to identify the at least one of the artificial intelligence model or the model component.

26. The system of claim 25, wherein the artificial intelligence search engine ranks one or more results of the search according to a strength or a weakness of the at least one artificial intelligence model or model component relative to the at least one selection criteria.

27. The system of claim 24, wherein the at least one artificial intelligence model or model component is at least one of a neural network, a machine learning system, or an expert system.

28. The system of claim 25, wherein the at least one selection criteria comprises at least one of an availability of the at least one artificial intelligence model or model component to execute in a user environment, an availability of the at least one artificial intelligence model or model component to a user, a governance principle, a governance policy, a computational factor, a network factor, a data availability, a task-specific factor, a performance factor, a quality of service factor, a model deployment consideration, a security consideration, or a human interface.

29. The system of claim 24, wherein the artificial intelligence configuration module further configures the at least one artificial intelligence model or model component in accordance with at least one configuration criteria.

30. The system of claim 29, wherein the at least one configuration criteria comprises at least one of an availability of the at least one artificial intelligence model or model component to execute in a user environment, an availability of the at least one artificial intelligence model or model component to a user, a governance principle, a governance policy, a computational factor, a network factor, a data availability, a task-specific factor, a performance factor, a quality of service factor, a model deployment consideration, a security consideration, or a human interface.

~~31. The system of claim 29, wherein the at least one configuration criteria comprises at least one of a selection of a neural network type, a selection of an input model type, a setting of initial model weights, a setting of model size, a selection of computational deployment environment, a selection of input data sources for training, a selection of input data sources for operation, a selection of feedback function/outcome measures, a selection of data integration language(s) for inputs and outputs, a configuration of APIs for model training, a configuration of APIs for model inputs, a configuration of APIs for outputs, a configuration of access controls, a configuration of security parameters, a configuration of network protocols, a configuration of storage parameters, a configuration of economic factors, a configuration of data flows, a configuration of high availability, one or more fault tolerance environments, a price-based data acquisition strategy, a heuristic method, a decision to make a decision model, or a coordination of massively parallel decision making environments.~~

~~32. The system of claim 24, wherein the artificial intelligence store includes metadata or other descriptive material indicating a suitability of an artificial intelligence system for at least one of solving a particular type of problem or operating on domain-specific inputs, data, or other entities.~~

~~33. The system of claim 32, wherein the problem is at least one of a forecasting, an NLP, an image recognition, a pattern recognition, a motion detection, or a route optimization.~~

~~34. The system of claim 24, wherein the artificial intelligence store is organized by a category.~~

~~35. The system of claim 34, wherein the category is at least one of an artificial intelligence model component type, a domain, an input type, a processing type, an output type, a computational requirement, a computational capability, a cost, or an energy usage.~~

~~36. The system of claim 24, wherein the artificial intelligence search engine further comprises a collaborative filter that receives an indication of an element of the at least one artificial intelligence model or model component from a user that is used to filter search results comprising the at least one artificial intelligence model or model component.~~

~~37. The system of claim 24, wherein the artificial intelligence search engine further comprises a clustering engine to cluster search results comprising the at least one artificial intelligence model or model component.~~

~~38. The system of claim 37, wherein the clustering engine is at least one of a similarity matrix or a k-means clustering.~~

39. The system of claim 37, wherein the clustering engine associates at least one of similar developers, similar domain-specific problems, or similar artificial intelligence solutions in the search results.

40. The system of claim 24, wherein the artificial intelligence store includes at least one e-commerce feature.

41. The system of claim 40, wherein the at least one e-commerce feature comprises at least one of a rating, a review, a link to relevant content, a mechanism for provisioning, a mechanism for licensing, a mechanism for delivery, or a mechanism for payment.

42. A method, comprising:

receiving input regarding an attribute of a task or a domain, and processing the input to determine whether an artificial intelligence system can be applied to the task or the domain;

performing a search of an artificial intelligence store of a plurality of domain-specific and general artificial intelligence models using the input to identify at least one artificial intelligence model or model component to apply to the task or the domain; and

configuring one or more data inputs to use with the at least one artificial intelligence model or model component.

43. The method of claim 42, further comprising, using at least one selection criteria to identify the at least one artificial intelligence model or model component.

44. The method of claim 43, further comprising, ranking one or more results of the search according to a strength or a weakness of the at least one artificial intelligence model or model component relative to the at least one selection criteria.

45. The method of claim 42, further comprising configuring the at least one artificial intelligence model or model component in accordance with at least one configuration criteria.

46. The method of claim 42, wherein the artificial intelligence store includes metadata or other descriptive material indicating a suitability of an artificial intelligence system for at least one of solving a particular type of problem or operating on domain-specific inputs, data, or other entities.

47. The method of claim 42, further comprising collaborative filtering search results comprising the at least one artificial intelligence model or model component using an element of the at least one artificial intelligence model or model component selected by a user.

48. The method of claim 42, further comprising clustering search results comprising the at least one artificial intelligence model or model component with a clustering engine.

~~49. A system for selection and configuration of an automated robotic process, the system comprising:~~

~~a media input module structured to receive at least one functional media;~~

~~a media analysis module structured to analyze the at least one functional media and identify an action parameter; and~~

~~a solution selection module structured to select at least one component of an AI solution for use in an automated robotic process, wherein the selection is based, at least in part, on the action parameter.~~

~~50. The system of claim 49, wherein:~~

~~the at least one functional media comprises a media indicative of brain activity in a human engaged in a task of interest; and~~

~~the media analysis module is further structured to identify an activity level in at least one brain region and provide a brain region parameter corresponding with the activity level in the at least one brain region.~~

~~51. The system of claim 50, wherein the solution selection module is further structured to select the at least one component of the AI solution based, at least in part, on the brain region parameter.~~

~~52. The system of claim 50, wherein:~~

~~the media analysis module is further structured to provide an activity parameter that relates to the human engaged task of interest and corresponds with the brain region parameter; and~~

~~the solution selection module is further structured to select at least one component of the AI solution based, at least in part, on the activity parameter.~~

~~53. The system of claim 52, wherein the activity parameter is selected from a list of activity parameters including at least one of engaged, unengaged, level of activity, or type of activity.~~

~~54. The system of claim 52, further comprising a component configuration module structured to set a configuration parameter based on, at least in part, at least one of the activity parameter or the brain region parameter.~~

~~55. The system of claim 50, wherein the solution selection module is further structured to identify a runtime input based, at least in part, on the brain region parameter.~~

~~56. The system of claim 50, wherein the brain region parameter is indicative of a neocortex region including at least one of Fp1, F7, F3, T3, C3, T5, P3, O1, Fp2, F8, F4, T4, C4, T6, P4, or O2.~~

~~57. The system of claim 50, wherein the at least one selected component of the AI solution simulates a processing activity similar to the activity of the brain region indicated by the brain region parameter.~~

~~58. The system of claim 52, wherein the activity parameter is representative of an activity including at least one of olfactory processing, visual processing, auditory processing, or motion.~~

59. The system of claim 58, wherein, when the activity parameter is representative of the olfactory processing, an input specification module is further structured to identify at least one chemical sensor as a robotic input.

60. The system of claim 58, wherein, when the activity parameter is representative of the visual processing, an input specification module is further structured to identify at least one visual sensor as a robotic input.

61. The system of claim 60, wherein a sensitivity of the at least one visual sensor comprises a portion of a range of wavelengths between about 380 to about 700 nanometers.

62. The system of claim 58, wherein, when the activity parameter is representative of the auditory processing, an input specification module is further structured to identify at least one microphone as a robotic input.

63. The system of claim 50, wherein the media analysis module is further structured to identify a second brain region parameter.

64. The system of claim 63, wherein the second brain region parameter is indicative of at least one of: a resolution of the at least one functional media, a strength of an engagement signal, a relative strength of an engagement signal between the brain region parameter and the second brain region parameter, or an extent of a brain region engagement.

65. The system of claim 49, wherein the selected at least one component of the AI solution includes at least one of a model, an expert system, a type of neural network, a specific machine-learning algorithm, a configuration specification, a specified input, a specified output, a learning parameter, a change rate, a weighting, or a threshold.

66. The system of claim 49, wherein:

the at least one functional media comprises a video feed of a human engaged in a task of interest; and

the action parameter is representative of an action including at least one of listening, looking, smelling, or touching.

67. The system of claim 49, wherein:

the action parameter comprises an ordered series of actions; and

the solution selection module is further structured to select a plurality of components for the AI solution, the selection is based, at least in part, on the ordered series of actions.

68. A system for selection and configuration of an automated robotic process, the system comprising:

an input module structured to receive at least one user-related input;

an input analysis module structured to analyze the at least one user-related input and identify an action parameter; and

a component selection module structured to select a component of an AI solution for use in an automated robotic process, wherein the selection is based, at least in part, on the action parameter.

69. The system of claim 68, wherein the user-related input includes at least one of an audio feed, a motion sensor, a heartbeat monitor, a biosensor, or an eye tracker.

70. The system of claim 68, wherein the analysis of the at least one user-related input comprises a temporal analysis that results in a plurality of time parameters.

71. The system of claim 70, wherein the selection of the component of the AI solution is further based, at least in part, on the plurality of time parameters.

72. The system of claim 68, further comprising a component configuration module structured to configure the component of the AI solution based on, at least in part, the action parameter, wherein the component of the AI solution is configured by at least one of selecting an input for a machine learning process, identifying an output to be provided by the machine learning process, identifying an input for an operational solution process, identifying an output of an operational solution process, tuning a learning parameter, identifying a change rate, identifying a weighting factor, identifying a parameter for inclusion, identifying a parameter for exclusion of a parameter, setting a threshold for input data, setting an output threshold for an operational robotic process, or setting a parameter threshold.

73. The system of claim 70, wherein the component of the AI solution includes at least one of a model, an expert system, or a neural network.

74. A system for selection and configuration of a robotic process, the system comprising:

a data input module structured to receive a stream of inputs relating to a user engaged in a task of interest;

an input analysis module structured to analyze the stream of inputs and provide a series of actions and associated action parameters, wherein each action in the series of actions is timestamped; and

a component selection module structured to select a component of an AI solution for use in an automated robotic process, wherein the selection is based on, at least in part, at least one of an action of the series of actions and the associated action parameters,

wherein the component of the AI solution is selected based on, at least in part, its ability to simulate one or more of the actions in the series of actions.

75. The system of claim 74, wherein the component selection module is further structured to select a second component of the AI solution based on a second action of the series of actions, wherein the component of the AI solution and the second component of the AI solution occur at different locations.

76. The system of claim 75, wherein at least one of the component or the second component of the AI solution require at least one of computationally intensive processing and quick decisions on minimal input.

77. The system of claim 75, wherein at least one of the component or the second component comprises a neural network with multiple layers operating in a cloud environment.

78. The system of claim 74, wherein each component is at least one of a specific model, an expert system, a neural network, or an algorithm.

79. A computer-implemented method for selecting an AI solution for an automated robotic process, the method comprising:

receiving at least one functional media, wherein the functional media comprises information indicative of brain activity by a human engaged in a task of interest;

analyzing the at least one functional media;

identifying an activity level in at least one brain region;

identifying a brain region parameter and an activity parameter;

identifying an action parameter based on, at least in part, at least one of the brain region parameter and the activity parameter; and

selecting a component of the AI solution based on, at least in part, at least one of the brain region parameter, the activity parameter, or the action parameter.

80. The method of claim 79, further comprising determining a configuration parameter based on, at least in part, at least one of the selected component of the AI solution, the brain region parameter, the activity parameter, or the action parameter.

81. The method of claim 79, further comprising identifying robotic input based on, at least in part, at least one of the brain region parameter or the activity parameter.

82. The method of claim 79, wherein the selected component of the AI solution simulates a processing activity similar to an activity of the at least one brain region indicated by the brain region parameter.

83. The method of claim 79, wherein at least one of the brain region parameter or the activity parameter is representative of an activity including at least one of olfactory processing, visual processing, auditory processing, or motion activity.

84. The method of claim 79, further comprising:

identifying at least one of a second brain region parameter or a second activity parameter; and

revising the selected component of the AI solution based on, at least in part, at least one of the second brain region parameter, or the second activity parameter.

85. The method of claim 84, further comprising:

identifying a second component of the AI solution based, in part, on the second brain region parameter or the second activity parameter.

86. The method of claim 79, further comprising:

identifying at least one of a second brain region parameter or a second activity parameter; and

selecting a second component of the AI solution based on, at least in part, at least one of the second brain region parameter or the second activity parameter.

87. The method of claim 86, further comprising assembling the AI solution, the AI solution comprising at least the selected component.

88. The method of claim 87, wherein the assembled AI solution further comprises the second selected component.

89. A computer-implemented method for selecting and configuring an automated robotic process, the method comprising:

receiving a user-related input comprising a timestamp;

analyzing the user-related input;

identifying a series of user actions and associated activity parameters; and

selecting a component for an AI solution for use in an automated robotic process based, at least in part, on a user action of the series of user actions.

90. The method of claim 89, wherein the user-related input is at least one of: an audio feed, a motion sensor, a video feed, a heartbeat monitor, an eye tracker, or a biosensor.

91. The method of claim 89, further comprising identifying a second user action from the series of user actions.

92. The method of claim 91, further comprising revising the selected component of the AI solution based on the second user action.

93. The method of claim 92, further comprising selecting a second component for the AI solution based on the second user action.

94. The method of claim 89, further comprising:

identifying an action parameter based on, at least in part, at least one of the user action or the associated activity parameters; and

configuring the selected component of the AI solution based on the action parameter.

95. The method of claim 94, wherein the user action is a movement and the associated action parameters are at least one of a range of motion, a speed of motion, a repetition of motion, a use of muscle memory, a smoothness of motion, a flow of motion, or a timing of motion.

96. The method of claim 89, further comprising:

receiving at least one device input performed by the user,

~~wherein the device input by the user is synchronized with the user-related input.~~

~~97. The method of claim 96, wherein the selecting of the component of the AI solution is based, at least in part, on a correlation between at least one of the device input and the user-related input.~~

~~98~~1. A computer-implemented method for selection and configuration of an automated robotic process, the method comprising:

- receiving a temporal biometric measurement of a worker performing a task;

- receiving a spatial-temporal environmental input provided to the worker;

- identifying a type of reasoning used when performing the task based, at least in part, on the temporal biometric measurement of the worker;

- selecting a component of an AI solution to replicate the type of reasoning; and

configuring the component of the AI solution based on the spatial-temporal environmental input,

wherein

- the temporal biometric measurement comprises a set of spatial-temporal imaging data of a brain of the worker;

- ~~wherein~~ identifying the type of reasoning further comprises identifying a set of spatial-temporal neocortical activity patterns of the worker and identifying an active area of a neocortex of the worker; and

~~wherein~~ - the selecting the component of the AI solution is based, at least in part, on the identified active area of the neocortex.

~~99~~2. The method of claim ~~98~~1, wherein the identified active area of the neocortex comprises a O1 neocortex region, and the selected AI component is optimized for visual processing.

~~100~~3. The method of claim ~~99~~2, wherein the configuring the component of the AI solution further comprises identifying a visual input for the component based on the spatial-temporal environmental input.

~~101~~4. The method of claim ~~98~~1, wherein the identified active area of the neocortex comprises a C3 neocortex region, and the selected component is optimized for at least one of data storage or retrieval.

~~102~~5. The method of claim ~~98~~1, wherein the selected component comprises a block-chain based distributed ledger.

~~103~~6. The method of claim ~~98~~1, further comprising identifying whether a serial or a parallel processing AI component is optimal based, at least in part, on the spatial-temporal neocortical activity patterns.

~~104~~7. The method of claim 1~~98~~, wherein the configuring the selected component of the AI solution further comprises:

- identifying an ordered set of inputs to the component of the AI solution,
- identifying efficiencies from combinations of the spatial-temporal environmental input, or
- identifying undesirable portions of the spatial-temporal environmental input that do not contribute to a positive solution; and configuring an input to a portion of the AI solution to limit undesirable input to the AI solution.

~~105. The method of claim 98, wherein the configuring the selected component of the AI solution further comprises identifying efficiencies from combinations of the spatial-temporal environmental input.~~

~~106. The method of claim 98, wherein the configuring the selected component of the AI solution further comprises identifying undesirable portions of the spatial-temporal environmental input that do not contribute to a positive solution; and configuring an input to a portion of the AI solution to limit undesirable input to the AI solution.~~

~~107~~8. The method of claim ~~106~~7, wherein limiting undesirable input to the AI solution further comprises removing input noise.

~~108~~9. The method of claim ~~98~~1, wherein the spatial-temporal environmental comprises at least one of:

- an auditory environment,
- a visual environment,
- an olfactory environment, or
- a device user interface.

~~109~~10. The method of claim ~~98~~1, further comprising:

- receiving a second temporal biometric measurement of the worker performing a task;

wherein the second temporal biometric measurement comprises at least one of an image of the worker, a video feed of the worker, an audio feed from the worker, a movement of the

worker, a heartbeat of the worker, a galvanic skin response of the worker, or eye movements of the worker,

- identifying a plurality of performed tasks from the biometric measurements; and extracting a performance parameter from the biometric measurements; wherein the configuring the selected component of the AI solution is based, at least in part, on the performance parameter, or

- identifying a plurality of time intervals between each task of a plurality of performed tasks; and configuring the selected component of the AI solution based on at least one of the time intervals.

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~~110. The method of claim 98, comprising:~~

~~identifying a plurality of performed tasks from the biometric measurements; and~~

~~extracting a performance parameter from the biometric measurements;~~

~~wherein the configuring the selected component of the AI solution is based, at least in part, on the performance parameter.~~

~~111~~11. The method of claim ~~109~~10, wherein the second temporal biometric measurement is provided in a training set for the component of the AI solution.

~~112~~12. The method of claim ~~109~~10, further comprising:

- receiving results data related to the task; and

- correlating the second temporal biometric measurement with the received results data;

wherein the selecting the component of the AI solution is further based on, at least in part, at least one of the results data or the correlation.

13. A system for selection and configuration of a robotic process, the system comprising:

- a data input module structured to receive a stream of inputs relating to a user engaged in a task of interest;

- an input analysis module structured to analyze the stream of inputs and provide a series of actions and associated action parameters, wherein each action in the series of actions is timestamped; and

- a component selection module structured to select a component of an AI solution for use in an automated robotic process,

wherein:

- the selection is based on, at least in part, at least one of an action of the series of actions and the associated action parameters, and

- the component of the AI solution is selected based on, at least in part, its ability to simulate one or more of the actions in the series of actions.

14. The system of claim 13, wherein:

- the component selection module is further structured to select a second component of the AI solution based on a second action of the series of actions, wherein the component of the AI solution and the second component of the AI solution occur at different locations, or

- each component is at least one of a specific model, an expert system, a neural network, or an algorithm.

15. The system of claim 14, wherein at least one of the component or the second component of the AI solution require at least one of computationally intensive processing and quick decisions on minimal input.

16. The system of claim 14, wherein at least one of the component or the second component comprises a neural network with multiple layers operating in a cloud environment.

~~113. The method of claim 98, further comprising:~~

~~identifying a plurality of time intervals between each task of a plurality of performed tasks; and~~

~~configuring the selected component of the AI solution based on at least one of the time intervals.~~

~~114. An information technology system for transaction artificial intelligence leveraging digital twins, comprising:~~

~~an adaptive intelligence system, comprising:~~

~~an artificial intelligence system, wherein the artificial intelligence system includes a machine learning system;~~

~~a digital twin system, and~~

~~an adaptive edge intelligence system,~~

~~wherein the adaptive intelligence system defines a machine learning model structured to receive at least one of state data or event data from a data storage system;~~

wherein the adaptive intelligence system defines the digital twin system to create a digital replica of one or more of transaction (ecosystem) entities, which are in communication through a connectivity facility.

a monitoring system and data collection system; and

a transactions management platform and application.

115. A computer-implemented method for electronically facilitating licensing of one or more personality rights of a licensor, the method comprising:

receiving an access request from a licensee to obtain approval to license personality rights from a set of available licensors;

selectively granting access to the licensee based on the access request;

receiving confirmation of a deposit of an amount of funds from the licensee;

issuing an amount of cryptocurrency corresponding to the amount of funds deposited by the licensee to an account of the licensee;

receiving a smart contract request to create a smart contract governing the licensing of the one or more personality rights of the licensor by the licensee, wherein the smart contract request indicates one or more terms including a consideration amount of cryptocurrency to be paid to the licensor in exchange for one or more obligations on the licensor;

generating the smart contract based on the smart contract request;

escrowing the consideration amount of cryptocurrency from the account of the licensee;

deploying the smart contract to a distributed ledger;

verifying, by the smart contract, that the licensor has performed the one or more obligations;

in response to receiving verification that the licensor has performed the one or more obligations, releasing at least a portion of the consideration amount of cryptocurrency into a licensor account of the licensor; and

outputting a record indicating a completion of a licensing transaction defined by the smart contract to the distributed ledger.