Amazon SageMaker — Per-Module API

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- sagemaker.xgboost

sagemaker

Classes

[
  AlgorithmEstimator,
  AutoML,
  AutoMLDataChannel,
  AutoMLImageClassificationConfig,
  AutoMLInput,
  AutoMLJob,
  AutoMLJobV2,
  AutoMLTabularConfig,
  AutoMLTextClassificationConfig,
  AutoMLTextGenerationConfig,
  AutoMLTimeSeriesForecastingConfig,
  AutoMLV2,
  CandidateEstimator,
  CandidateStep,
  FactorizationMachines,
  FactorizationMachinesModel,
  FactorizationMachinesPredictor,
  FileSource,
  HyperparameterTuningJobAnalytics,
  IPInsights,
  IPInsightsModel,
  IPInsightsPredictor,
  KMeans,
  KMeansModel,
  KMeansPredictor,
  KNN,
  KNNModel,
  KNNPredictor,
  LDA,
  LDAModel,
  LDAPredictor,
  LinearLearner,
  LinearLearnerModel,
  LinearLearnerPredictor,
  LocalAutoMLDataChannel,
  LocalSession,
  MetricsSource,
  Model,
  ModelMetrics,
  ModelPackage,
  NTM,
  NTMModel,
  NTMPredictor,
  Object2Vec,
  Object2VecModel,
  PartnerAppAuthProvider,
  PCA,
  PCAModel,
  PCAPredictor,
  PipelineModel,
  Predictor,
  Processor,
  Profiler,
  ProfilerConfig,
  RandomCutForest,
  RandomCutForestModel,
  RandomCutForestPredictor,

```
  ScriptProcessor,
  Session,
  TrainingInput,
  TrainingJobAnalytics
]
```

Functions

```
[
  container_def,
  get_execution_role,
  get_model_package_args,
  pipeline_container_def,
  production_variant
]
```

Sentinels / Constants / Objects

```
[
  absolute_import
]
```

Import statements

 # Classes
```
from sagemaker import AlgorithmEstimator
from sagemaker import AutoML
from sagemaker import AutoMLDataChannel
from sagemaker import AutoMLImageClassificationConfig
from sagemaker import AutoMLInput
from sagemaker import AutoMLJob
from sagemaker import AutoMLJobV2
from sagemaker import AutoMLTabularConfig
from sagemaker import AutoMLTextClassificationConfig
from sagemaker import AutoMLTextGenerationConfig
from sagemaker import AutoMLTimeSeriesForecastingConfig
from sagemaker import AutoMLV2
from sagemaker import CandidateEstimator
from sagemaker import CandidateStep
from sagemaker import FactorizationMachines
from sagemaker import FactorizationMachinesModel
from sagemaker import FactorizationMachinesPredictor
from sagemaker import FileSource
from sagemaker import HyperparameterTuningJobAnalytics
from sagemaker import IPInsights
from sagemaker import IPInsightsModel
from sagemaker import IPInsightsPredictor
from sagemaker import KMeans
from sagemaker import KMeansModel
from sagemaker import KMeansPredictor
from sagemaker import KNN
from sagemaker import KNNModel
from sagemaker import KNNPredictor
from sagemaker import LDA
from sagemaker import LDAModel
from sagemaker import LDAPredictor
from sagemaker import LinearLearner
from sagemaker import LinearLearnerModel
from sagemaker import LinearLearnerPredictor
from sagemaker import LocalAutoMLDataChannel
from sagemaker import LocalSession
from sagemaker import MetricsSource
from sagemaker import Model
from sagemaker import ModelMetrics
from sagemaker import ModelPackage
```

```python
from sagemaker import NTM
from sagemaker import NTMModel
from sagemaker import NTMPredictor
from sagemaker import Object2Vec
from sagemaker import Object2VecModel
from sagemaker import PartnerAppAuthProvider
from sagemaker import PCA
from sagemaker import PCAModel
from sagemaker import PCAPredictor
from sagemaker import PipelineModel
from sagemaker import Predictor
from sagemaker import Processor
from sagemaker import Profiler
from sagemaker import ProfilerConfig
from sagemaker import RandomCutForest
from sagemaker import RandomCutForestModel
from sagemaker import RandomCutForestPredictor
from sagemaker import ScriptProcessor
from sagemaker import Session
from sagemaker import TrainingInput
from sagemaker import TrainingJobAnalytics
```

 # Functions

```python
from sagemaker import container_def
from sagemaker import get_execution_role
from sagemaker import get_model_package_args
from sagemaker import pipeline_container_def
from sagemaker import production_variant
```

 # Sentinels / Constants / Objects

```python
from sagemaker import absolute_import
```

sagemaker.accept_types

Classes

```
[
  JumpStartModelType,
  Session
]
```

Functions

```
[
  retrieve_default,
  retrieve_options
]
```

Sentinels / Constants / Objects

```
[
  absolute_import,
  DEFAULT_JUMPSTART_SAGEMAKER_SESSION,
  List,
  Optional
]
```

Import statements

 # Classes
```
from sagemaker.accept_types import JumpStartModelType
from sagemaker.accept_types import Session
```
 # Functions
```
from sagemaker.accept_types import retrieve_default
from sagemaker.accept_types import retrieve_options
```
 # Sentinels / Constants / Objects
```
from sagemaker.accept_types import absolute_import
from sagemaker.accept_types import DEFAULT_JUMPSTART_SAGEMAKER_SESSION
from sagemaker.accept_types import List
from sagemaker.accept_types import Optional
```

sagemaker.algorithm

Classes

```
[
  AlgorithmEstimator,
  BytesDeserializer,
  EstimatorBase,
  FileSystemInput,
  IdentitySerializer,
  PipelineVariable,
  Predictor,
  Session,
  TrainingInput,
  Transformer
]
```

Functions

```
[
  format_tags,
  is_pipeline_variable,
  removed_kwargs,
  runnable_by_pipeline
]
```

Sentinels / Constants / Objects

```
[
  absolute_import,
  Dict,
  List,
  Optional,
  Tags,
  Union
]
```

Import statements

 # Classes
```
from sagemaker.algorithm import AlgorithmEstimator
from sagemaker.algorithm import BytesDeserializer
from sagemaker.algorithm import EstimatorBase
from sagemaker.algorithm import FileSystemInput
from sagemaker.algorithm import IdentitySerializer
from sagemaker.algorithm import PipelineVariable
from sagemaker.algorithm import Predictor
from sagemaker.algorithm import Session
from sagemaker.algorithm import TrainingInput
from sagemaker.algorithm import Transformer
```
 # Functions
```
from sagemaker.algorithm import format_tags
from sagemaker.algorithm import is_pipeline_variable
from sagemaker.algorithm import removed_kwargs
from sagemaker.algorithm import runnable_by_pipeline
```
 # Sentinels / Constants / Objects
```
from sagemaker.algorithm import absolute_import
from sagemaker.algorithm import Dict
from sagemaker.algorithm import List
from sagemaker.algorithm import Optional
from sagemaker.algorithm import Tags
from sagemaker.algorithm import Union
```

sagemaker.amazon

Classes

[ ]

Functions

[ ]

Sentinels / Constants / Objects

[ ]

Import statements

 # Classes
(none)
 # Functions
(none)
 # Sentinels / Constants / Objects
(none)

sagemaker.amtviz

Classes

[ ]

Functions

[ ]

Sentinels / Constants / Objects

[ ]

Import statements

 # Classes
(none)
 # Functions
(none)
 # Sentinels / Constants / Objects
(none)

sagemaker.analytics

Classes

```
[
  ABCMeta,
  AnalyticsMetricsBase,
  ArtifactAnalytics,
  defaultdict,
  DeferredError,
  ExperimentAnalytics,
  HyperparameterTuningJobAnalytics,
  OrderedDict,
  Session,
  TrainingJobAnalytics
]
```

Functions

```
[
  abstractmethod,
  with_metaclass
]
```

Sentinels / Constants / Objects

```
[
  absolute_import,
  logger,
  METRICS_PERIOD_DEFAULT,
  print_function
]
```

Import statements

 # Classes
```
from sagemaker.analytics import ABCMeta
from sagemaker.analytics import AnalyticsMetricsBase
from sagemaker.analytics import ArtifactAnalytics
from sagemaker.analytics import defaultdict
from sagemaker.analytics import DeferredError
from sagemaker.analytics import ExperimentAnalytics
from sagemaker.analytics import HyperparameterTuningJobAnalytics
from sagemaker.analytics import OrderedDict
from sagemaker.analytics import Session
from sagemaker.analytics import TrainingJobAnalytics
```
 # Functions
```
from sagemaker.analytics import abstractmethod
from sagemaker.analytics import with_metaclass
```
 # Sentinels / Constants / Objects
```
from sagemaker.analytics import absolute_import
from sagemaker.analytics import logger
from sagemaker.analytics import METRICS_PERIOD_DEFAULT
from sagemaker.analytics import print_function
```

sagemaker.apiutils

Classes

[ ]

Functions

[ ]

Sentinels / Constants / Objects

[ ]

Import statements

 # Classes
(none)
 # Functions
(none)
 # Sentinels / Constants / Objects
(none)

sagemaker.async_inference

Classes

```
[
    AsyncInferenceConfig,
    AsyncInferenceResponse,
    WaiterConfig
]
```

Functions

```
[]
```

Sentinels / Constants / Objects

```
[
    absolute_import
]
```

Import statements

 # Classes
```
from sagemaker.async_inference import AsyncInferenceConfig
from sagemaker.async_inference import AsyncInferenceResponse
from sagemaker.async_inference import WaiterConfig
```
 # Functions
```
(none)
```
 # Sentinels / Constants / Objects
```
from sagemaker.async_inference import absolute_import
```

sagemaker.automl

Classes

[ ]

Functions

[ ]

Sentinels / Constants / Objects

[ ]

Import statements

 # Classes
(none)
 # Functions
(none)
 # Sentinels / Constants / Objects
(none)

sagemaker.aws_batch

Classes

[ ]

Functions

[ ]

Sentinels / Constants / Objects

[ ]

Import statements

 # Classes
(none)
 # Functions
(none)
 # Sentinels / Constants / Objects
(none)

sagemaker.base_deserializers

Classes

```
[
  BaseDeserializer,
  BytesDeserializer,
  CSVDeserializer,
  DeferredError,
  JSONDeserializer,
  JSONLinesDeserializer,
  NumpyDeserializer,
  PandasDeserializer,
  RecordDeserializer,
  SimpleBaseDeserializer,
  StreamDeserializer,
  StringDeserializer,
  TorchTensorDeserializer
]
```

Functions

```
[
  read_records,
  with_metaclass
]
```

Sentinels / Constants / Objects

```
[
  absolute_import
]
```

Import statements

 # Classes
```
from sagemaker.base_deserializers import BaseDeserializer
from sagemaker.base_deserializers import BytesDeserializer
from sagemaker.base_deserializers import CSVDeserializer
from sagemaker.base_deserializers import DeferredError
from sagemaker.base_deserializers import JSONDeserializer
from sagemaker.base_deserializers import JSONLinesDeserializer
from sagemaker.base_deserializers import NumpyDeserializer
from sagemaker.base_deserializers import PandasDeserializer
from sagemaker.base_deserializers import RecordDeserializer
from sagemaker.base_deserializers import SimpleBaseDeserializer
from sagemaker.base_deserializers import StreamDeserializer
from sagemaker.base_deserializers import StringDeserializer
from sagemaker.base_deserializers import TorchTensorDeserializer
```
 # Functions
```
from sagemaker.base_deserializers import read_records
from sagemaker.base_deserializers import with_metaclass
```
 # Sentinels / Constants / Objects
```
from sagemaker.base_deserializers import absolute_import
```

sagemaker.base_predictor

Classes

```
[
  Any,
  ByteIterator,
  BytesDeserializer,
  CSVDeserializer,
  CSVSerializer,
  DataCaptureConfig,
  DefaultModelMonitor,
  EndpointContext,
  EndpointType,
  IdentitySerializer,
  JSONDeserializer,
  JSONSerializer,
  JumpStartSerializablePayload,
  ModelBiasMonitor,
  ModelExplainabilityMonitor,
  ModelMonitor,
  ModelQualityMonitor,
  NumpyDeserializer,
  NumpySerializer,
  PayloadSerializer,
  Predictor,
  PredictorBase,
  RealTimePredictor,
  ResourceRequirements,
  Session,
  StreamDeserializer,
  StringDeserializer
]
```

Functions

```
[
  deprecated_class,
  deprecated_deserialize,
  deprecated_serialize,
  format_tags,
  get_jumpstart_content_bucket,
  name_from_base,
  production_variant,
  removed_kwargs,
  renamed_kwargs,
  renamed_warning,
  stringify_object
]
```

Sentinels / Constants / Objects

```
[
  absolute_import,
  csv_deserializer,
  csv_serializer,
  DEFAULT_REPOSITORY_NAME,
  Dict,
  json_deserializer,
  json_serializer,
  LOGGER,
  logger,
  npy_serializer,
  numpy_deserializer,
```

```
  Optional,
  print_function,
  Tuple,
  Union
]
```

Import statements

 # Classes
```
from sagemaker.base_predictor import Any
from sagemaker.base_predictor import ByteIterator
from sagemaker.base_predictor import BytesDeserializer
from sagemaker.base_predictor import CSVDeserializer
from sagemaker.base_predictor import CSVSerializer
from sagemaker.base_predictor import DataCaptureConfig
from sagemaker.base_predictor import DefaultModelMonitor
from sagemaker.base_predictor import EndpointContext
from sagemaker.base_predictor import EndpointType
from sagemaker.base_predictor import IdentitySerializer
from sagemaker.base_predictor import JSONDeserializer
from sagemaker.base_predictor import JSONSerializer
from sagemaker.base_predictor import JumpStartSerializablePayload
from sagemaker.base_predictor import ModelBiasMonitor
from sagemaker.base_predictor import ModelExplainabilityMonitor
from sagemaker.base_predictor import ModelMonitor
from sagemaker.base_predictor import ModelQualityMonitor
from sagemaker.base_predictor import NumpyDeserializer
from sagemaker.base_predictor import NumpySerializer
from sagemaker.base_predictor import PayloadSerializer
from sagemaker.base_predictor import Predictor
from sagemaker.base_predictor import PredictorBase
from sagemaker.base_predictor import RealTimePredictor
from sagemaker.base_predictor import ResourceRequirements
from sagemaker.base_predictor import Session
from sagemaker.base_predictor import StreamDeserializer
from sagemaker.base_predictor import StringDeserializer
```
 # Functions
```
from sagemaker.base_predictor import deprecated_class
from sagemaker.base_predictor import deprecated_deserialize
from sagemaker.base_predictor import deprecated_serialize
from sagemaker.base_predictor import format_tags
from sagemaker.base_predictor import get_jumpstart_content_bucket
from sagemaker.base_predictor import name_from_base
from sagemaker.base_predictor import production_variant
from sagemaker.base_predictor import removed_kwargs
from sagemaker.base_predictor import renamed_kwargs
from sagemaker.base_predictor import renamed_warning
from sagemaker.base_predictor import stringify_object
```
 # Sentinels / Constants / Objects
```
from sagemaker.base_predictor import absolute_import
from sagemaker.base_predictor import csv_deserializer
from sagemaker.base_predictor import csv_serializer
from sagemaker.base_predictor import DEFAULT_REPOSITORY_NAME
from sagemaker.base_predictor import Dict
from sagemaker.base_predictor import json_deserializer
from sagemaker.base_predictor import json_serializer
from sagemaker.base_predictor import LOGGER
from sagemaker.base_predictor import logger
from sagemaker.base_predictor import npy_serializer
from sagemaker.base_predictor import numpy_deserializer
from sagemaker.base_predictor import Optional
from sagemaker.base_predictor import print_function
from sagemaker.base_predictor import Tuple
```

```python
from sagemaker.base_predictor import Union
```

sagemaker.base_serializers

Classes

```
[
  BaseSerializer,
  CSVSerializer,
  DataFrame,
  DataSerializer,
  DeferredError,
  IdentitySerializer,
  Iterable,
  JSONLinesSerializer,
  JSONSerializer,
  LibSVMSerializer,
  NumpySerializer,
  RecordSerializer,
  SimpleBaseSerializer,
  SparseMatrixSerializer,
  StringSerializer,
  TorchTensorSerializer
]
```

Functions

```
[
  with_metaclass,
  write_numpy_to_dense_tensor
]
```

Sentinels / Constants / Objects

```
[
  absolute_import
]
```

Import statements

 # Classes
```
from sagemaker.base_serializers import BaseSerializer
from sagemaker.base_serializers import CSVSerializer
from sagemaker.base_serializers import DataFrame
from sagemaker.base_serializers import DataSerializer
from sagemaker.base_serializers import DeferredError
from sagemaker.base_serializers import IdentitySerializer
from sagemaker.base_serializers import Iterable
from sagemaker.base_serializers import JSONLinesSerializer
from sagemaker.base_serializers import JSONSerializer
from sagemaker.base_serializers import LibSVMSerializer
from sagemaker.base_serializers import NumpySerializer
from sagemaker.base_serializers import RecordSerializer
from sagemaker.base_serializers import SimpleBaseSerializer
from sagemaker.base_serializers import SparseMatrixSerializer
from sagemaker.base_serializers import StringSerializer
from sagemaker.base_serializers import TorchTensorSerializer
```
 # Functions
```
from sagemaker.base_serializers import with_metaclass
from sagemaker.base_serializers import write_numpy_to_dense_tensor
```
 # Sentinels / Constants / Objects
```
from sagemaker.base_serializers import absolute_import
```

sagemaker.batch_inference

Classes

[ ]

Functions

[ ]

Sentinels / Constants / Objects

[ ]

Import statements

 # Classes
(none)
 # Functions
(none)
 # Sentinels / Constants / Objects
(none)

sagemaker.chainer

Classes

```
[
    Chainer,
    ChainerModel,
    ChainerPredictor
]
```

Functions

```
[]
```

Sentinels / Constants / Objects

```
[
    absolute_import
]
```

Import statements

 # Classes
```
from sagemaker.chainer import Chainer
from sagemaker.chainer import ChainerModel
from sagemaker.chainer import ChainerPredictor
```
 # Functions
```
(none)
```
 # Sentinels / Constants / Objects
```
from sagemaker.chainer import absolute_import
```

sagemaker.clarify

Classes

```
[
    ABC,
    And,
    Any,
    AsymmetricShapleyValueConfig,
    BiasConfig,
    DataConfig,
    DatasetType,
    Enum,
    ExplainabilityConfig,
    ImageConfig,
    ModelConfig,
    ModelPredictedLabelConfig,
    NetworkConfig,
    Or,
    PDPConfig,
    ProcessingInput,
    ProcessingOutput,
    ProcessingOutputHandler,
    Processor,
    Regex,
    SageMakerClarifyProcessor,
    Schema,
    SchemaOptional,
    SegmentationConfig,
    Session,
    SHAPConfig,
    TextConfig,
    TimeSeriesDataConfig,
    TimeSeriesJSONDatasetFormat,
    TimeSeriesModelConfig,
    Use
]
```

Functions

```
[
    abstractmethod,
    format_tags
]
```

Sentinels / Constants / Objects

```
[
    absolute_import,
    ANALYSIS_CONFIG_SCHEMA_V1_0,
    ASYM_SHAP_VAL_DEFAULT_EXPLANATION_DIRECTION,
    ASYM_SHAP_VAL_DEFAULT_EXPLANATION_GRANULARITY,
    ASYM_SHAP_VAL_EXPLANATION_DIRECTIONS,
    ASYM_SHAP_VAL_GRANULARITIES,
    Dict,
    ENDPOINT_NAME_PREFIX_PATTERN,
    List,
    Literal,
    logger,
    Optional,
    print_function,
    Tags,
    Union
]
```

Import statements

 # Classes
```
from sagemaker.clarify import ABC
from sagemaker.clarify import And
from sagemaker.clarify import Any
from sagemaker.clarify import AsymmetricShapleyValueConfig
from sagemaker.clarify import BiasConfig
from sagemaker.clarify import DataConfig
from sagemaker.clarify import DatasetType
from sagemaker.clarify import Enum
from sagemaker.clarify import ExplainabilityConfig
from sagemaker.clarify import ImageConfig
from sagemaker.clarify import ModelConfig
from sagemaker.clarify import ModelPredictedLabelConfig
from sagemaker.clarify import NetworkConfig
from sagemaker.clarify import Or
from sagemaker.clarify import PDPConfig
from sagemaker.clarify import ProcessingInput
from sagemaker.clarify import ProcessingOutput
from sagemaker.clarify import ProcessingOutputHandler
from sagemaker.clarify import Processor
from sagemaker.clarify import Regex
from sagemaker.clarify import SageMakerClarifyProcessor
from sagemaker.clarify import Schema
from sagemaker.clarify import SchemaOptional
from sagemaker.clarify import SegmentationConfig
from sagemaker.clarify import Session
from sagemaker.clarify import SHAPConfig
from sagemaker.clarify import TextConfig
from sagemaker.clarify import TimeSeriesDataConfig
from sagemaker.clarify import TimeSeriesJSONDatasetFormat
from sagemaker.clarify import TimeSeriesModelConfig
from sagemaker.clarify import Use
```
 # Functions
```
from sagemaker.clarify import abstractmethod
from sagemaker.clarify import format_tags
```
 # Sentinels / Constants / Objects
```
from sagemaker.clarify import absolute_import
from sagemaker.clarify import ANALYSIS_CONFIG_SCHEMA_V1_0
from sagemaker.clarify import ASYM_SHAP_VAL_DEFAULT_EXPLANATION_DIRECTION
from sagemaker.clarify import ASYM_SHAP_VAL_DEFAULT_EXPLANATION_GRANULARITY
from sagemaker.clarify import ASYM_SHAP_VAL_EXPLANATION_DIRECTIONS
from sagemaker.clarify import ASYM_SHAP_VAL_GRANULARITIES
from sagemaker.clarify import Dict
from sagemaker.clarify import ENDPOINT_NAME_PREFIX_PATTERN
from sagemaker.clarify import List
from sagemaker.clarify import Literal
from sagemaker.clarify import logger
from sagemaker.clarify import Optional
from sagemaker.clarify import print_function
from sagemaker.clarify import Tags
from sagemaker.clarify import Union
```

sagemaker.cli

Classes

[ ]

Functions

[ ]

Sentinels / Constants / Objects

[
    absolute_import
]

Import statements

 # Classes
(none)
 # Functions
(none)
 # Sentinels / Constants / Objects
from sagemaker.cli import absolute_import

sagemaker.collection

Classes

```
[
    ClientError,
    Collection,
    Session
]
```

Functions

```
[]
```

Sentinels / Constants / Objects

```
[
    absolute_import,
    List
]
```

Import statements

 # Classes
```
from sagemaker.collection import ClientError
from sagemaker.collection import Collection
from sagemaker.collection import Session
```
 # Functions
```
(none)
```
 # Sentinels / Constants / Objects
```
from sagemaker.collection import absolute_import
from sagemaker.collection import List
```

sagemaker.compute_resource_requirements

Classes

```
[
  ResourceRequirements
]
```

Functions

```
[]
```

Sentinels / Constants / Objects

```
[
  absolute_import
]
```

Import statements

 # Classes
```
from sagemaker.compute_resource_requirements import ResourceRequirements
```
 # Functions
```
(none)
```
 # Sentinels / Constants / Objects
```
from sagemaker.compute_resource_requirements import absolute_import
```

sagemaker.config

Classes

[ ]

Functions

```
[
    load_local_mode_config,
    load_sagemaker_config,
    validate_sagemaker_config
]
```

Sentinels / Constants / Objects

```
[
    absolute_import,
    ASYNC_INFERENCE_CONFIG,
    ATHENA_DATASET_DEFINITION,
    AUTO_ML_INTER_CONTAINER_ENCRYPTION_PATH,
    AUTO_ML_JOB,
    AUTO_ML_JOB_CONFIG,
    AUTO_ML_JOB_CONFIG_PATH,
    AUTO_ML_JOB_V2,
    AUTO_ML_KMS_KEY_ID_PATH,
    AUTO_ML_OUTPUT_CONFIG_PATH,
    AUTO_ML_ROLE_ARN_PATH,
    AUTO_ML_V2_INTER_CONTAINER_ENCRYPTION_PATH,
    AUTO_ML_V2_KMS_KEY_ID_PATH,
    AUTO_ML_V2_OUTPUT_CONFIG_PATH,
    AUTO_ML_V2_ROLE_ARN_PATH,
    AUTO_ML_V2_VOLUME_KMS_KEY_ID_PATH,
    AUTO_ML_V2_VPC_CONFIG_PATH,
    AUTO_ML_VOLUME_KMS_KEY_ID_PATH,
    AUTO_ML_VPC_CONFIG_PATH,
    CLUSTER_CONFIG,
    CLUSTER_ROLE_ARN,
    COMPILATION_JOB,
    COMPILATION_JOB_OUTPUT_CONFIG_PATH,
    COMPILATION_JOB_ROLE_ARN_PATH,
    COMPILATION_JOB_VPC_CONFIG_PATH,
    CONTAINER_CONFIG,
    CONTAINERS,
    DATA_CAPTURE_CONFIG,
    DATASET_DEFINITION,
    DEBUG_HOOK_CONFIG,
    DEFAULT_S3_BUCKET,
    DEFAULT_S3_OBJECT_KEY_PREFIX,
    DISABLE_PROFILER,
    EDGE_PACKAGING_JOB,
    EDGE_PACKAGING_KMS_KEY_ID_PATH,
    EDGE_PACKAGING_OUTPUT_CONFIG_PATH,
    EDGE_PACKAGING_RESOURCE_KEY_PATH,
    EDGE_PACKAGING_ROLE_ARN_PATH,
    ENABLE_INTER_CONTAINER_TRAFFIC_ENCRYPTION,
    ENABLE_NETWORK_ISOLATION,
    ENDPOINT,
    ENDPOINT_CONFIG,
    ENDPOINT_CONFIG_ASYNC_INFERENCE_PATH,
    ENDPOINT_CONFIG_ASYNC_KMS_KEY_ID_PATH,
    ENDPOINT_CONFIG_DATA_CAPTURE_KMS_KEY_ID_PATH,
    ENDPOINT_CONFIG_DATA_CAPTURE_PATH,
    ENDPOINT_CONFIG_ENABLE_NETWORK_ISOLATION_PATH,
```

```
ENDPOINT_CONFIG_EXECUTION_ROLE_ARN_PATH,
ENDPOINT_CONFIG_KMS_KEY_ID_PATH,
ENDPOINT_CONFIG_PRODUCTION_VARIANTS_PATH,
ENDPOINT_CONFIG_VPC_CONFIG_PATH,
ENDPOINT_TAGS_PATH,
ENVIRONMENT,
ESTIMATOR,
ESTIMATOR_DEBUG_HOOK_CONFIG_PATH,
EXECUTION_ROLE_ARN,
FEATURE_GROUP,
FEATURE_GROUP_OFFLINE_STORE_CONFIG_PATH,
FEATURE_GROUP_OFFLINE_STORE_KMS_KEY_ID_PATH,
FEATURE_GROUP_ONLINE_STORE_CONFIG_PATH,
FEATURE_GROUP_ONLINE_STORE_KMS_KEY_ID_PATH,
FEATURE_GROUP_ROLE_ARN_PATH,
INFERENCE_COMPONENT,
INFERENCE_SPECIFICATION,
KEY,
KMS_KEY_ID,
LOCAL,
LOCAL_CODE,
MODEL,
MODEL_CONTAINERS_PATH,
MODEL_ENABLE_NETWORK_ISOLATION_PATH,
MODEL_EXECUTION_ROLE_ARN_PATH,
MODEL_PACKAGE,
MODEL_PACKAGE_INFERENCE_SPECIFICATION_CONTAINERS_PATH,
MODEL_PACKAGE_VALIDATION_PROFILES_PATH,
MODEL_PACKAGE_VALIDATION_ROLE_PATH,
MODEL_PRIMARY_CONTAINER_ENVIRONMENT_PATH,
MODEL_PRIMARY_CONTAINER_PATH,
MODEL_VPC_CONFIG_PATH,
MODULES,
MONITORING_JOB_DEFINITION,
MONITORING_JOB_ENVIRONMENT_PATH,
MONITORING_JOB_NETWORK_CONFIG_PATH,
MONITORING_JOB_OUTPUT_KMS_KEY_ID_PATH,
MONITORING_JOB_ROLE_ARN_PATH,
MONITORING_JOB_VOLUME_KMS_KEY_ID_PATH,
MONITORING_OUTPUT_CONFIG,
MONITORING_RESOURCES,
MONITORING_SCHEDULE,
MONITORING_SCHEDULE_CONFIG,
MONITORING_SCHEDULE_INTER_CONTAINER_ENCRYPTION_PATH,
NETWORK_CONFIG,
OFFLINE_STORE_CONFIG,
ONLINE_STORE_CONFIG,
OUTPUT_CONFIG,
OUTPUT_DATA_CONFIG,
PIPELINE_ROLE_ARN_PATH,
PIPELINE_TAGS_PATH,
PRIMARY_CONTAINER,
PROCESSING_INPUTS,
PROCESSING_JOB,
PROCESSING_JOB_ENABLE_NETWORK_ISOLATION_PATH,
PROCESSING_JOB_ENVIRONMENT_PATH,
PROCESSING_JOB_INPUTS_PATH,
PROCESSING_JOB_INTER_CONTAINER_ENCRYPTION_PATH,
PROCESSING_JOB_KMS_KEY_ID_PATH,
PROCESSING_JOB_NETWORK_CONFIG_PATH,
PROCESSING_JOB_PROCESSING_RESOURCES_PATH,
PROCESSING_JOB_ROLE_ARN_PATH,
```

```
    PROCESSING_JOB_SECURITY_GROUP_IDS_PATH,
    PROCESSING_JOB_SUBNETS_PATH,
    PROCESSING_JOB_VOLUME_KMS_KEY_ID_PATH,
    PROCESSING_OUTPUT_CONFIG,
    PROCESSING_OUTPUT_CONFIG_PATH,
    PROCESSING_RESOURCES,
    PRODUCTION_VARIANTS,
    PROFILER_CONFIG,
    PYTHON_SDK,
    REDSHIFT_DATASET_DEFINITION,
    RESOURCE_CONFIG,
    RESOURCE_KEY,
    ROLE_ARN,
    S3_STORAGE_CONFIG,
    SAGEMAKER,
    SAGEMAKER_PYTHON_SDK_LOCAL_MODE_CONFIG_SCHEMA,
    SCHEMA_VERSION,
    SECURITY_CONFIG,
    SECURITY_GROUP_IDS,
    SESSION,
    SESSION_DEFAULT_S3_BUCKET_PATH,
    SESSION_DEFAULT_S3_OBJECT_KEY_PREFIX_PATH,
    SUBNETS,
    TAGS,
    TRAINING_JOB,
    TRAINING_JOB_DISABLE_PROFILER_PATH,
    TRAINING_JOB_ENABLE_NETWORK_ISOLATION_PATH,
    TRAINING_JOB_ENVIRONMENT_PATH,
    TRAINING_JOB_INTER_CONTAINER_ENCRYPTION_PATH,
    TRAINING_JOB_KMS_KEY_ID_PATH,
    TRAINING_JOB_OUTPUT_DATA_CONFIG_PATH,
    TRAINING_JOB_PROFILE_CONFIG_PATH,
    TRAINING_JOB_RESOURCE_CONFIG_PATH,
    TRAINING_JOB_ROLE_ARN_PATH,
    TRAINING_JOB_SECURITY_GROUP_IDS_PATH,
    TRAINING_JOB_SUBNETS_PATH,
    TRAINING_JOB_VOLUME_KMS_KEY_ID_PATH,
    TRAINING_JOB_VPC_CONFIG_PATH,
    TRANSFORM_JOB,
    TRANSFORM_JOB_DEFINITION,
    TRANSFORM_JOB_ENVIRONMENT_PATH,
    TRANSFORM_JOB_KMS_KEY_ID_PATH,
    TRANSFORM_JOB_VOLUME_KMS_KEY_ID_PATH,
    TRANSFORM_OUTPUT,
    TRANSFORM_OUTPUT_KMS_KEY_ID_PATH,
    TRANSFORM_RESOURCES,
    TRANSFORM_RESOURCES_VOLUME_KMS_KEY_ID_PATH,
    VALIDATION_PROFILES,
    VALIDATION_ROLE,
    VALIDATION_SPECIFICATION,
    VALUE,
    VOLUME_KMS_KEY_ID,
    VPC_CONFIG
]
```

Import statements

 # Classes

```
(none)
```
 # Functions
```
from sagemaker.config import load_local_mode_config
from sagemaker.config import load_sagemaker_config
from sagemaker.config import validate_sagemaker_config
```

Sentinels / Constants / Objects

```
from sagemaker.config import absolute_import
from sagemaker.config import ASYNC_INFERENCE_CONFIG
from sagemaker.config import ATHENA_DATASET_DEFINITION
from sagemaker.config import AUTO_ML_INTER_CONTAINER_ENCRYPTION_PATH
from sagemaker.config import AUTO_ML_JOB
from sagemaker.config import AUTO_ML_JOB_CONFIG
from sagemaker.config import AUTO_ML_JOB_CONFIG_PATH
from sagemaker.config import AUTO_ML_JOB_V2
from sagemaker.config import AUTO_ML_KMS_KEY_ID_PATH
from sagemaker.config import AUTO_ML_OUTPUT_CONFIG_PATH
from sagemaker.config import AUTO_ML_ROLE_ARN_PATH
from sagemaker.config import AUTO_ML_V2_INTER_CONTAINER_ENCRYPTION_PATH
from sagemaker.config import AUTO_ML_V2_KMS_KEY_ID_PATH
from sagemaker.config import AUTO_ML_V2_OUTPUT_CONFIG_PATH
from sagemaker.config import AUTO_ML_V2_ROLE_ARN_PATH
from sagemaker.config import AUTO_ML_V2_VOLUME_KMS_KEY_ID_PATH
from sagemaker.config import AUTO_ML_V2_VPC_CONFIG_PATH
from sagemaker.config import AUTO_ML_VOLUME_KMS_KEY_ID_PATH
from sagemaker.config import AUTO_ML_VPC_CONFIG_PATH
from sagemaker.config import CLUSTER_CONFIG
from sagemaker.config import CLUSTER_ROLE_ARN
from sagemaker.config import COMPILATION_JOB
from sagemaker.config import COMPILATION_JOB_OUTPUT_CONFIG_PATH
from sagemaker.config import COMPILATION_JOB_ROLE_ARN_PATH
from sagemaker.config import COMPILATION_JOB_VPC_CONFIG_PATH
from sagemaker.config import CONTAINER_CONFIG
from sagemaker.config import CONTAINERS
from sagemaker.config import DATA_CAPTURE_CONFIG
from sagemaker.config import DATASET_DEFINITION
from sagemaker.config import DEBUG_HOOK_CONFIG
from sagemaker.config import DEFAULT_S3_BUCKET
from sagemaker.config import DEFAULT_S3_OBJECT_KEY_PREFIX
from sagemaker.config import DISABLE_PROFILER
from sagemaker.config import EDGE_PACKAGING_JOB
from sagemaker.config import EDGE_PACKAGING_KMS_KEY_ID_PATH
from sagemaker.config import EDGE_PACKAGING_OUTPUT_CONFIG_PATH
from sagemaker.config import EDGE_PACKAGING_RESOURCE_KEY_PATH
from sagemaker.config import EDGE_PACKAGING_ROLE_ARN_PATH
from sagemaker.config import ENABLE_INTER_CONTAINER_TRAFFIC_ENCRYPTION
from sagemaker.config import ENABLE_NETWORK_ISOLATION
from sagemaker.config import ENDPOINT
from sagemaker.config import ENDPOINT_CONFIG
from sagemaker.config import ENDPOINT_CONFIG_ASYNC_INFERENCE_PATH
from sagemaker.config import ENDPOINT_CONFIG_ASYNC_KMS_KEY_ID_PATH
from sagemaker.config import ENDPOINT_CONFIG_DATA_CAPTURE_KMS_KEY_ID_PATH
from sagemaker.config import ENDPOINT_CONFIG_DATA_CAPTURE_PATH
from sagemaker.config import ENDPOINT_CONFIG_ENABLE_NETWORK_ISOLATION_PATH
from sagemaker.config import ENDPOINT_CONFIG_EXECUTION_ROLE_ARN_PATH
from sagemaker.config import ENDPOINT_CONFIG_KMS_KEY_ID_PATH
from sagemaker.config import ENDPOINT_CONFIG_PRODUCTION_VARIANTS_PATH
from sagemaker.config import ENDPOINT_CONFIG_VPC_CONFIG_PATH
from sagemaker.config import ENDPOINT_TAGS_PATH
from sagemaker.config import ENVIRONMENT
from sagemaker.config import ESTIMATOR
from sagemaker.config import ESTIMATOR_DEBUG_HOOK_CONFIG_PATH
from sagemaker.config import EXECUTION_ROLE_ARN
from sagemaker.config import FEATURE_GROUP
from sagemaker.config import FEATURE_GROUP_OFFLINE_STORE_CONFIG_PATH
from sagemaker.config import FEATURE_GROUP_OFFLINE_STORE_KMS_KEY_ID_PATH
from sagemaker.config import FEATURE_GROUP_ONLINE_STORE_CONFIG_PATH
from sagemaker.config import FEATURE_GROUP_ONLINE_STORE_KMS_KEY_ID_PATH
```

```
from sagemaker.config import FEATURE_GROUP_ROLE_ARN_PATH
from sagemaker.config import INFERENCE_COMPONENT
from sagemaker.config import INFERENCE_SPECIFICATION
from sagemaker.config import KEY
from sagemaker.config import KMS_KEY_ID
from sagemaker.config import LOCAL
from sagemaker.config import LOCAL_CODE
from sagemaker.config import MODEL
from sagemaker.config import MODEL_CONTAINERS_PATH
from sagemaker.config import MODEL_ENABLE_NETWORK_ISOLATION_PATH
from sagemaker.config import MODEL_EXECUTION_ROLE_ARN_PATH
from sagemaker.config import MODEL_PACKAGE
from sagemaker.config import MODEL_PACKAGE_INFERENCE_SPECIFICATION_CONTAINERS_PATH
from sagemaker.config import MODEL_PACKAGE_VALIDATION_PROFILES_PATH
from sagemaker.config import MODEL_PACKAGE_VALIDATION_ROLE_PATH
from sagemaker.config import MODEL_PRIMARY_CONTAINER_ENVIRONMENT_PATH
from sagemaker.config import MODEL_PRIMARY_CONTAINER_PATH
from sagemaker.config import MODEL_VPC_CONFIG_PATH
from sagemaker.config import MODULES
from sagemaker.config import MONITORING_JOB_DEFINITION
from sagemaker.config import MONITORING_JOB_ENVIRONMENT_PATH
from sagemaker.config import MONITORING_JOB_NETWORK_CONFIG_PATH
from sagemaker.config import MONITORING_JOB_OUTPUT_KMS_KEY_ID_PATH
from sagemaker.config import MONITORING_JOB_ROLE_ARN_PATH
from sagemaker.config import MONITORING_JOB_VOLUME_KMS_KEY_ID_PATH
from sagemaker.config import MONITORING_OUTPUT_CONFIG
from sagemaker.config import MONITORING_RESOURCES
from sagemaker.config import MONITORING_SCHEDULE
from sagemaker.config import MONITORING_SCHEDULE_CONFIG
from sagemaker.config import MONITORING_SCHEDULE_INTER_CONTAINER_ENCRYPTION_PATH
from sagemaker.config import NETWORK_CONFIG
from sagemaker.config import OFFLINE_STORE_CONFIG
from sagemaker.config import ONLINE_STORE_CONFIG
from sagemaker.config import OUTPUT_CONFIG
from sagemaker.config import OUTPUT_DATA_CONFIG
from sagemaker.config import PIPELINE_ROLE_ARN_PATH
from sagemaker.config import PIPELINE_TAGS_PATH
from sagemaker.config import PRIMARY_CONTAINER
from sagemaker.config import PROCESSING_INPUTS
from sagemaker.config import PROCESSING_JOB
from sagemaker.config import PROCESSING_JOB_ENABLE_NETWORK_ISOLATION_PATH
from sagemaker.config import PROCESSING_JOB_ENVIRONMENT_PATH
from sagemaker.config import PROCESSING_JOB_INPUTS_PATH
from sagemaker.config import PROCESSING_JOB_INTER_CONTAINER_ENCRYPTION_PATH
from sagemaker.config import PROCESSING_JOB_KMS_KEY_ID_PATH
from sagemaker.config import PROCESSING_JOB_NETWORK_CONFIG_PATH
from sagemaker.config import PROCESSING_JOB_PROCESSING_RESOURCES_PATH
from sagemaker.config import PROCESSING_JOB_ROLE_ARN_PATH
from sagemaker.config import PROCESSING_JOB_SECURITY_GROUP_IDS_PATH
from sagemaker.config import PROCESSING_JOB_SUBNETS_PATH
from sagemaker.config import PROCESSING_JOB_VOLUME_KMS_KEY_ID_PATH
from sagemaker.config import PROCESSING_OUTPUT_CONFIG
from sagemaker.config import PROCESSING_OUTPUT_CONFIG_PATH
from sagemaker.config import PROCESSING_RESOURCES
from sagemaker.config import PRODUCTION_VARIANTS
from sagemaker.config import PROFILER_CONFIG
from sagemaker.config import PYTHON_SDK
from sagemaker.config import REDSHIFT_DATASET_DEFINITION
from sagemaker.config import RESOURCE_CONFIG
from sagemaker.config import RESOURCE_KEY
from sagemaker.config import ROLE_ARN
from sagemaker.config import S3_STORAGE_CONFIG
```

```python
from sagemaker.config import SAGEMAKER
from sagemaker.config import SAGEMAKER_PYTHON_SDK_LOCAL_MODE_CONFIG_SCHEMA
from sagemaker.config import SCHEMA_VERSION
from sagemaker.config import SECURITY_CONFIG
from sagemaker.config import SECURITY_GROUP_IDS
from sagemaker.config import SESSION
from sagemaker.config import SESSION_DEFAULT_S3_BUCKET_PATH
from sagemaker.config import SESSION_DEFAULT_S3_OBJECT_KEY_PREFIX_PATH
from sagemaker.config import SUBNETS
from sagemaker.config import TAGS
from sagemaker.config import TRAINING_JOB
from sagemaker.config import TRAINING_JOB_DISABLE_PROFILER_PATH
from sagemaker.config import TRAINING_JOB_ENABLE_NETWORK_ISOLATION_PATH
from sagemaker.config import TRAINING_JOB_ENVIRONMENT_PATH
from sagemaker.config import TRAINING_JOB_INTER_CONTAINER_ENCRYPTION_PATH
from sagemaker.config import TRAINING_JOB_KMS_KEY_ID_PATH
from sagemaker.config import TRAINING_JOB_OUTPUT_DATA_CONFIG_PATH
from sagemaker.config import TRAINING_JOB_PROFILE_CONFIG_PATH
from sagemaker.config import TRAINING_JOB_RESOURCE_CONFIG_PATH
from sagemaker.config import TRAINING_JOB_ROLE_ARN_PATH
from sagemaker.config import TRAINING_JOB_SECURITY_GROUP_IDS_PATH
from sagemaker.config import TRAINING_JOB_SUBNETS_PATH
from sagemaker.config import TRAINING_JOB_VOLUME_KMS_KEY_ID_PATH
from sagemaker.config import TRAINING_JOB_VPC_CONFIG_PATH
from sagemaker.config import TRANSFORM_JOB
from sagemaker.config import TRANSFORM_JOB_DEFINITION
from sagemaker.config import TRANSFORM_JOB_ENVIRONMENT_PATH
from sagemaker.config import TRANSFORM_JOB_KMS_KEY_ID_PATH
from sagemaker.config import TRANSFORM_JOB_VOLUME_KMS_KEY_ID_PATH
from sagemaker.config import TRANSFORM_OUTPUT
from sagemaker.config import TRANSFORM_OUTPUT_KMS_KEY_ID_PATH
from sagemaker.config import TRANSFORM_RESOURCES
from sagemaker.config import TRANSFORM_RESOURCES_VOLUME_KMS_KEY_ID_PATH
from sagemaker.config import VALIDATION_PROFILES
from sagemaker.config import VALIDATION_ROLE
from sagemaker.config import VALIDATION_SPECIFICATION
from sagemaker.config import VALUE
from sagemaker.config import VOLUME_KMS_KEY_ID
from sagemaker.config import VPC_CONFIG
```

sagemaker.content_types

Classes

```
[
  JumpStartModelType,
  Session
]
```

Functions

```
[
  retrieve_default,
  retrieve_options
]
```

Sentinels / Constants / Objects

```
[
  absolute_import,
  CONTENT_TYPE_CSV,
  CONTENT_TYPE_JSON,
  CONTENT_TYPE_NPY,
  CONTENT_TYPE_OCTET_STREAM,
  DEFAULT_JUMPSTART_SAGEMAKER_SESSION,
  List,
  Optional
]
```

Import statements

 # Classes
```
from sagemaker.content_types import JumpStartModelType
from sagemaker.content_types import Session
```
 # Functions
```
from sagemaker.content_types import retrieve_default
from sagemaker.content_types import retrieve_options
```
 # Sentinels / Constants / Objects
```
from sagemaker.content_types import absolute_import
from sagemaker.content_types import CONTENT_TYPE_CSV
from sagemaker.content_types import CONTENT_TYPE_JSON
from sagemaker.content_types import CONTENT_TYPE_NPY
from sagemaker.content_types import CONTENT_TYPE_OCTET_STREAM
from sagemaker.content_types import DEFAULT_JUMPSTART_SAGEMAKER_SESSION
from sagemaker.content_types import List
from sagemaker.content_types import Optional
```

sagemaker.dataset_definition

Classes

```
[
  AthenaDatasetDefinition,
  DatasetDefinition,
  RedshiftDatasetDefinition,
  S3Input
]
```

Functions

```
[]
```

Sentinels / Constants / Objects

```
[
  absolute_import
]
```

Import statements

 # Classes
```
from sagemaker.dataset_definition import AthenaDatasetDefinition
from sagemaker.dataset_definition import DatasetDefinition
from sagemaker.dataset_definition import RedshiftDatasetDefinition
from sagemaker.dataset_definition import S3Input
```
 # Functions
```
(none)
```
 # Sentinels / Constants / Objects
```
from sagemaker.dataset_definition import absolute_import
```

sagemaker.debugger

Classes

```
[
    CollectionConfig,
    cProfileTimer,
    DataloaderProfilingConfig,
    DebuggerHookConfig,
    DetailedProfilingConfig,
    FrameworkProfile,
    HorovodProfilingConfig,
    Profiler,
    ProfilerConfig,
    ProfilerRule,
    PythonProfiler,
    PythonProfilingConfig,
    Rule,
    RuleBase,
    SMDataParallelProfilingConfig,
    TensorBoardOutputConfig
]
```

Functions

```
[
    get_default_profiler_processing_job,
    get_rule_container_image_uri
]
```

Sentinels / Constants / Objects

```
[
    absolute_import,
    DEBUGGER_FLAG,
    framework_name
]
```

Import statements

 # Classes
```
from sagemaker.debugger import CollectionConfig
from sagemaker.debugger import cProfileTimer
from sagemaker.debugger import DataloaderProfilingConfig
from sagemaker.debugger import DebuggerHookConfig
from sagemaker.debugger import DetailedProfilingConfig
from sagemaker.debugger import FrameworkProfile
from sagemaker.debugger import HorovodProfilingConfig
from sagemaker.debugger import Profiler
from sagemaker.debugger import ProfilerConfig
from sagemaker.debugger import ProfilerRule
from sagemaker.debugger import PythonProfiler
from sagemaker.debugger import PythonProfilingConfig
from sagemaker.debugger import Rule
from sagemaker.debugger import RuleBase
from sagemaker.debugger import SMDataParallelProfilingConfig
from sagemaker.debugger import TensorBoardOutputConfig
```
 # Functions
```
from sagemaker.debugger import get_default_profiler_processing_job
from sagemaker.debugger import get_rule_container_image_uri
```
 # Sentinels / Constants / Objects
```
from sagemaker.debugger import absolute_import
from sagemaker.debugger import DEBUGGER_FLAG
from sagemaker.debugger import framework_name
```

sagemaker.deprecations

Classes

[ ]

Functions

[
  deprecated,
  deprecated_class,
  deprecated_deserialize,
  deprecated_function,
  deprecated_serialize,
  deprecation_warn,
  deprecation_warn_base,
  deprecation_warning,
  removed_arg,
  removed_function,
  removed_kwargs,
  removed_warning,
  renamed_kwargs,
  renamed_warning
]

Sentinels / Constants / Objects

[
  absolute_import,
  logger,
  V2_URL
]

Import statements

 # Classes
(none)
 # Functions
from sagemaker.deprecations import deprecated
from sagemaker.deprecations import deprecated_class
from sagemaker.deprecations import deprecated_deserialize
from sagemaker.deprecations import deprecated_function
from sagemaker.deprecations import deprecated_serialize
from sagemaker.deprecations import deprecation_warn
from sagemaker.deprecations import deprecation_warn_base
from sagemaker.deprecations import deprecation_warning
from sagemaker.deprecations import removed_arg
from sagemaker.deprecations import removed_function
from sagemaker.deprecations import removed_kwargs
from sagemaker.deprecations import removed_warning
from sagemaker.deprecations import renamed_kwargs
from sagemaker.deprecations import renamed_warning
 # Sentinels / Constants / Objects
from sagemaker.deprecations import absolute_import
from sagemaker.deprecations import logger
from sagemaker.deprecations import V2_URL

sagemaker.deserializers

Classes

```
[
    BaseDeserializer,
    BytesDeserializer,
    CSVDeserializer,
    DeferredError,
    JSONDeserializer,
    JSONLinesDeserializer,
    JumpStartModelType,
    NumpyDeserializer,
    PandasDeserializer,
    record_deserializer,
    RecordDeserializer,
    Session,
    SimpleBaseDeserializer,
    StreamDeserializer,
    StringDeserializer,
    TorchTensorDeserializer
]
```

Functions

```
[
    deprecated_class,
    retrieve_default,
    retrieve_options
]
```

Sentinels / Constants / Objects

```
[
    absolute_import,
    DEFAULT_JUMPSTART_SAGEMAKER_SESSION,
    List,
    Optional
]
```

Import statements

 # Classes
```
from sagemaker.deserializers import BaseDeserializer
from sagemaker.deserializers import BytesDeserializer
from sagemaker.deserializers import CSVDeserializer
from sagemaker.deserializers import DeferredError
from sagemaker.deserializers import JSONDeserializer
from sagemaker.deserializers import JSONLinesDeserializer
from sagemaker.deserializers import JumpStartModelType
from sagemaker.deserializers import NumpyDeserializer
from sagemaker.deserializers import PandasDeserializer
from sagemaker.deserializers import record_deserializer
from sagemaker.deserializers import RecordDeserializer
from sagemaker.deserializers import Session
from sagemaker.deserializers import SimpleBaseDeserializer
from sagemaker.deserializers import StreamDeserializer
from sagemaker.deserializers import StringDeserializer
from sagemaker.deserializers import TorchTensorDeserializer
```
 # Functions
```
from sagemaker.deserializers import deprecated_class
from sagemaker.deserializers import retrieve_default
from sagemaker.deserializers import retrieve_options
```
 # Sentinels / Constants / Objects
```
from sagemaker.deserializers import absolute_import
```

```python
from sagemaker.deserializers import DEFAULT_JUMPSTART_SAGEMAKER_SESSION
from sagemaker.deserializers import List
from sagemaker.deserializers import Optional
```

sagemaker.djl_inference

Classes

```
[
  DJLModel,
  DJLPredictor
]
```

Functions

```
[]
```

Sentinels / Constants / Objects

```
[
  absolute_import
]
```

Import statements

 # Classes
```
from sagemaker.djl_inference import DJLModel
from sagemaker.djl_inference import DJLPredictor
```
 # Functions
```
(none)
```
 # Sentinels / Constants / Objects
```
from sagemaker.djl_inference import absolute_import
```

sagemaker.drift_check_baselines

Classes

```
[
  DriftCheckBaselines,
  FileSource,
  MetricsSource
]
```

Functions

```
[]
```

Sentinels / Constants / Objects

```
[
  absolute_import,
  Optional
]
```

Import statements

 # Classes
```
from sagemaker.drift_check_baselines import DriftCheckBaselines
from sagemaker.drift_check_baselines import FileSource
from sagemaker.drift_check_baselines import MetricsSource
```
 # Functions
```
(none)
```
 # Sentinels / Constants / Objects
```
from sagemaker.drift_check_baselines import absolute_import
from sagemaker.drift_check_baselines import Optional
```

sagemaker.enums

Classes

```
[
    EndpointType,
    Enum,
    RoutingStrategy,
    Tag
]
```

Functions

```
[]
```

Sentinels / Constants / Objects

```
[
    absolute_import,
    LOGGER
]
```

Import statements

 # Classes
```
from sagemaker.enums import EndpointType
from sagemaker.enums import Enum
from sagemaker.enums import RoutingStrategy
from sagemaker.enums import Tag
```
 # Functions
```
(none)
```
 # Sentinels / Constants / Objects
```
from sagemaker.enums import absolute_import
from sagemaker.enums import LOGGER
```

sagemaker.environment_variables

Classes

```
[
  JumpStartModelType,
  JumpStartScriptScope,
  Session
]
```

Functions

```
[
  retrieve_default
]
```

Sentinels / Constants / Objects

```
[
  absolute_import,
  DEFAULT_JUMPSTART_SAGEMAKER_SESSION,
  Dict,
  logger,
  Optional
]
```

Import statements

 # Classes
```
from sagemaker.environment_variables import JumpStartModelType
from sagemaker.environment_variables import JumpStartScriptScope
from sagemaker.environment_variables import Session
```
 # Functions
```
from sagemaker.environment_variables import retrieve_default
```
 # Sentinels / Constants / Objects
```
from sagemaker.environment_variables import absolute_import
from sagemaker.environment_variables import DEFAULT_JUMPSTART_SAGEMAKER_SESSION
from sagemaker.environment_variables import Dict
from sagemaker.environment_variables import logger
from sagemaker.environment_variables import Optional
```

sagemaker.estimator

Classes

```
[
    ABCMeta,
    Any,
    DebuggerHookConfig,
    Estimator,
    EstimatorBase,
    Feature,
    FileSystemInput,
    Framework,
    FrameworkProfile,
    InstanceGroup,
    LocalSession,
    Model,
    ModelCard,
    ParameterString,
    PipelineSession,
    PipelineVariable,
    Predictor,
    ProfilerConfig,
    ProfilerRule,
    Rule,
    RuleBase,
    S3Uploader,
    Session,
    SpecifierSet,
    SupportedInteractiveAppTypes,
    TensorBoardApp,
    TensorBoardOutputConfig,
    TrainingDetails,
    TrainingInput,
    TrainingJobAnalytics,
    Transformer,
    UploadedCode,
    Version
]
```

Functions

```
[
    abstractmethod,
    add_jumpstart_uri_tags,
    base_from_name,
    base_name_from_image,
    build_dict,
    check_and_get_run_experiment_config,
    format_tags,
    get_config_value,
    get_default_profiler_processing_job,
    get_jumpstart_base_name_if_jumpstart_model,
    get_mp_parameters,
    get_rule_container_image_uri,
    instance_supports_kms,
    is_pipeline_variable,
    name_from_base,
    parse_s3_url,
    removed_function,
    removed_kwargs,
    renamed_kwargs,
    resolve_value_from_config,
```

```
  runnable_by_pipeline,
  tar_and_upload_dir,
  to_string,
  update_inference_tags_with_jumpstart_training_tags,
  urlparse,
  validate_source_code_input_against_pipeline_variables,
  validate_source_dir,
  with_metaclass
]
```

Sentinels / Constants / Objects

```
[
  absolute_import,
  CONTAINER_LOG_LEVEL_PARAM_NAME,
  DEBUGGER_FLAG,
  Dict,
  DIR_PARAM_NAME,
  ESTIMATOR_DEBUG_HOOK_CONFIG_PATH,
  JOB_NAME_PARAM_NAME,
  List,
  logger,
  NEO_ALLOWED_FRAMEWORKS,
  Optional,
  print_function,
  SAGEMAKER_REGION_PARAM_NAME,
  SCRIPT_PARAM_NAME,
  string_types,
  Tags,
  TRAINING_JOB_DISABLE_PROFILER_PATH,
  TRAINING_JOB_ENABLE_NETWORK_ISOLATION_PATH,
  TRAINING_JOB_ENVIRONMENT_PATH,
  TRAINING_JOB_INTER_CONTAINER_ENCRYPTION_PATH,
  TRAINING_JOB_KMS_KEY_ID_PATH,
  TRAINING_JOB_ROLE_ARN_PATH,
  TRAINING_JOB_SECURITY_GROUP_IDS_PATH,
  TRAINING_JOB_SUBNETS_PATH,
  TRAINING_JOB_VOLUME_KMS_KEY_ID_PATH,
  Union
]
```

Import statements

 # Classes
```
from sagemaker.estimator import ABCMeta
from sagemaker.estimator import Any
from sagemaker.estimator import DebuggerHookConfig
from sagemaker.estimator import Estimator
from sagemaker.estimator import EstimatorBase
from sagemaker.estimator import Feature
from sagemaker.estimator import FileSystemInput
from sagemaker.estimator import Framework
from sagemaker.estimator import FrameworkProfile
from sagemaker.estimator import InstanceGroup
from sagemaker.estimator import LocalSession
from sagemaker.estimator import Model
from sagemaker.estimator import ModelCard
from sagemaker.estimator import ParameterString
from sagemaker.estimator import PipelineSession
from sagemaker.estimator import PipelineVariable
from sagemaker.estimator import Predictor
from sagemaker.estimator import ProfilerConfig
from sagemaker.estimator import ProfilerRule
from sagemaker.estimator import Rule
```

```
from sagemaker.estimator import RuleBase
from sagemaker.estimator import S3Uploader
from sagemaker.estimator import Session
from sagemaker.estimator import SpecifierSet
from sagemaker.estimator import SupportedInteractiveAppTypes
from sagemaker.estimator import TensorBoardApp
from sagemaker.estimator import TensorBoardOutputConfig
from sagemaker.estimator import TrainingDetails
from sagemaker.estimator import TrainingInput
from sagemaker.estimator import TrainingJobAnalytics
from sagemaker.estimator import Transformer
from sagemaker.estimator import UploadedCode
from sagemaker.estimator import Version
```
 # Functions
```
from sagemaker.estimator import abstractmethod
from sagemaker.estimator import add_jumpstart_uri_tags
from sagemaker.estimator import base_from_name
from sagemaker.estimator import base_name_from_image
from sagemaker.estimator import build_dict
from sagemaker.estimator import check_and_get_run_experiment_config
from sagemaker.estimator import format_tags
from sagemaker.estimator import get_config_value
from sagemaker.estimator import get_default_profiler_processing_job
from sagemaker.estimator import get_jumpstart_base_name_if_jumpstart_model
from sagemaker.estimator import get_mp_parameters
from sagemaker.estimator import get_rule_container_image_uri
from sagemaker.estimator import instance_supports_kms
from sagemaker.estimator import is_pipeline_variable
from sagemaker.estimator import name_from_base
from sagemaker.estimator import parse_s3_url
from sagemaker.estimator import removed_function
from sagemaker.estimator import removed_kwargs
from sagemaker.estimator import renamed_kwargs
from sagemaker.estimator import resolve_value_from_config
from sagemaker.estimator import runnable_by_pipeline
from sagemaker.estimator import tar_and_upload_dir
from sagemaker.estimator import to_string
from sagemaker.estimator import update_inference_tags_with_jumpstart_training_tags
from sagemaker.estimator import urlparse
from sagemaker.estimator import validate_source_code_input_against_pipeline_variables
from sagemaker.estimator import validate_source_dir
from sagemaker.estimator import with_metaclass
```
 # Sentinels / Constants / Objects
```
from sagemaker.estimator import absolute_import
from sagemaker.estimator import CONTAINER_LOG_LEVEL_PARAM_NAME
from sagemaker.estimator import DEBUGGER_FLAG
from sagemaker.estimator import Dict
from sagemaker.estimator import DIR_PARAM_NAME
from sagemaker.estimator import ESTIMATOR_DEBUG_HOOK_CONFIG_PATH
from sagemaker.estimator import JOB_NAME_PARAM_NAME
from sagemaker.estimator import List
from sagemaker.estimator import logger
from sagemaker.estimator import NEO_ALLOWED_FRAMEWORKS
from sagemaker.estimator import Optional
from sagemaker.estimator import print_function
from sagemaker.estimator import SAGEMAKER_REGION_PARAM_NAME
from sagemaker.estimator import SCRIPT_PARAM_NAME
from sagemaker.estimator import string_types
from sagemaker.estimator import Tags
from sagemaker.estimator import TRAINING_JOB_DISABLE_PROFILER_PATH
from sagemaker.estimator import TRAINING_JOB_ENABLE_NETWORK_ISOLATION_PATH
from sagemaker.estimator import TRAINING_JOB_ENVIRONMENT_PATH
```

```python
from sagemaker.estimator import TRAINING_JOB_INTER_CONTAINER_ENCRYPTION_PATH
from sagemaker.estimator import TRAINING_JOB_KMS_KEY_ID_PATH
from sagemaker.estimator import TRAINING_JOB_ROLE_ARN_PATH
from sagemaker.estimator import TRAINING_JOB_SECURITY_GROUP_IDS_PATH
from sagemaker.estimator import TRAINING_JOB_SUBNETS_PATH
from sagemaker.estimator import TRAINING_JOB_VOLUME_KMS_KEY_ID_PATH
from sagemaker.estimator import Union
```

sagemaker.exceptions

Classes

```
[
    AsyncInferenceError,
    AsyncInferenceModelError,
    AutoMLStepInvalidModeError,
    CapacityError,
    InternalStreamFailure,
    ModelStreamError,
    ObjectNotExistedError,
    PollingTimeoutError,
    UnexpectedClientError,
    UnexpectedStatusException
]
```

Functions

```
[]
```

Sentinels / Constants / Objects

```
[
    absolute_import
]
```

Import statements

 # Classes
```
from sagemaker.exceptions import AsyncInferenceError
from sagemaker.exceptions import AsyncInferenceModelError
from sagemaker.exceptions import AutoMLStepInvalidModeError
from sagemaker.exceptions import CapacityError
from sagemaker.exceptions import InternalStreamFailure
from sagemaker.exceptions import ModelStreamError
from sagemaker.exceptions import ObjectNotExistedError
from sagemaker.exceptions import PollingTimeoutError
from sagemaker.exceptions import UnexpectedClientError
from sagemaker.exceptions import UnexpectedStatusException
```
 # Functions
```
(none)
```
 # Sentinels / Constants / Objects
```
from sagemaker.exceptions import absolute_import
```

sagemaker.experiments

Classes

```
[
    Experiment,
    Run,
    SortByType,
    SortOrderType
]
```

Functions

```
[
    list_runs,
    load_run
]
```

Sentinels / Constants / Objects

```
[
    absolute_import
]
```

Import statements

 # Classes
```
from sagemaker.experiments import Experiment
from sagemaker.experiments import Run
from sagemaker.experiments import SortByType
from sagemaker.experiments import SortOrderType
```
 # Functions
```
from sagemaker.experiments import list_runs
from sagemaker.experiments import load_run
```
 # Sentinels / Constants / Objects
```
from sagemaker.experiments import absolute_import
```

sagemaker.explainer

Classes

```
[
  ClarifyExplainerConfig,
  ClarifyInferenceConfig,
  ClarifyShapBaselineConfig,
  ClarifyShapConfig,
  ClarifyTextConfig,
  ExplainerConfig
]
```

Functions

```
[]
```

Sentinels / Constants / Objects

```
[
  absolute_import
]
```

Import statements

 # Classes
```
from sagemaker.explainer import ClarifyExplainerConfig
from sagemaker.explainer import ClarifyInferenceConfig
from sagemaker.explainer import ClarifyShapBaselineConfig
from sagemaker.explainer import ClarifyShapConfig
from sagemaker.explainer import ClarifyTextConfig
from sagemaker.explainer import ExplainerConfig
```
 # Functions
```
(none)
```
 # Sentinels / Constants / Objects
```
from sagemaker.explainer import absolute_import
```

sagemaker.feature_store

Classes

[ ]

Functions

[ ]

Sentinels / Constants / Objects

[ ]

Import statements

 # Classes
(none)
 # Functions
(none)
 # Sentinels / Constants / Objects
(none)

sagemaker.fw_utils

Classes

```
[
    InstanceGroup,
    PipelineVariable,
    SessionSettings,
    UploadedCode
]
```

Functions

```
[
    create_image_uri,
    deprecation_warn_base,
    framework_name_from_image,
    framework_version_from_tag,
    get_mp_parameters,
    is_pipeline_variable,
    model_code_key_prefix,
    namedtuple,
    parse_mp_parameters,
    profiler_config_deprecation_warning,
    python_deprecation_warning,
    renamed_kwargs,
    renamed_warning,
    s3_path_join,
    tar_and_upload_dir,
    validate_distribution,
    validate_distribution_for_instance_type,
    validate_mp_config,
    validate_smdistributed,
    validate_source_code_input_against_pipeline_variables,
    validate_source_dir,
    validate_torch_distributed_distribution,
    validate_version_or_image_args,
    warn_if_parameter_server_with_multi_gpu
]
```

Sentinels / Constants / Objects

```
[
    absolute_import,
    DEBUGGER_UNSUPPORTED_REGIONS,
    Dict,
    GRAVITON_ALLOWED_FRAMEWORKS,
    GRAVITON_ALLOWED_TARGET_INSTANCE_FAMILY,
    List,
    logger,
    Optional,
    PARAMETER_SERVER_MULTI_GPU_WARNING,
    PROFILER_UNSUPPORTED_REGIONS,
    PYTHON_2_DEPRECATION_WARNING,
    SINGLE_GPU_INSTANCE_TYPES,
    SM_DATAPARALLEL_SUPPORTED_FRAMEWORK_VERSIONS,
    SM_DATAPARALLEL_SUPPORTED_INSTANCE_TYPES,
    SMDISTRIBUTED_SUPPORTED_STRATEGIES,
    TORCH_DISTRIBUTED_GPU_SUPPORTED_FRAMEWORK_VERSIONS,
    TRAINIUM_SUPPORTED_DISTRIBUTION_STRATEGIES,
    TRAINIUM_SUPPORTED_TORCH_DISTRIBUTED_FRAMEWORK_VERSIONS,
    Union
]
```

Import statements

 # Classes
```
from sagemaker.fw_utils import InstanceGroup
from sagemaker.fw_utils import PipelineVariable
from sagemaker.fw_utils import SessionSettings
from sagemaker.fw_utils import UploadedCode
```
 # Functions
```
from sagemaker.fw_utils import create_image_uri
from sagemaker.fw_utils import deprecation_warn_base
from sagemaker.fw_utils import framework_name_from_image
from sagemaker.fw_utils import framework_version_from_tag
from sagemaker.fw_utils import get_mp_parameters
from sagemaker.fw_utils import is_pipeline_variable
from sagemaker.fw_utils import model_code_key_prefix
from sagemaker.fw_utils import namedtuple
from sagemaker.fw_utils import parse_mp_parameters
from sagemaker.fw_utils import profiler_config_deprecation_warning
from sagemaker.fw_utils import python_deprecation_warning
from sagemaker.fw_utils import renamed_kwargs
from sagemaker.fw_utils import renamed_warning
from sagemaker.fw_utils import s3_path_join
from sagemaker.fw_utils import tar_and_upload_dir
from sagemaker.fw_utils import validate_distribution
from sagemaker.fw_utils import validate_distribution_for_instance_type
from sagemaker.fw_utils import validate_mp_config
from sagemaker.fw_utils import validate_smdistributed
from sagemaker.fw_utils import validate_source_code_input_against_pipeline_variables
from sagemaker.fw_utils import validate_source_dir
from sagemaker.fw_utils import validate_torch_distributed_distribution
from sagemaker.fw_utils import validate_version_or_image_args
from sagemaker.fw_utils import warn_if_parameter_server_with_multi_gpu
```
 # Sentinels / Constants / Objects
```
from sagemaker.fw_utils import absolute_import
from sagemaker.fw_utils import DEBUGGER_UNSUPPORTED_REGIONS
from sagemaker.fw_utils import Dict
from sagemaker.fw_utils import GRAVITON_ALLOWED_FRAMEWORKS
from sagemaker.fw_utils import GRAVITON_ALLOWED_TARGET_INSTANCE_FAMILY
from sagemaker.fw_utils import List
from sagemaker.fw_utils import logger
from sagemaker.fw_utils import Optional
from sagemaker.fw_utils import PARAMETER_SERVER_MULTI_GPU_WARNING
from sagemaker.fw_utils import PROFILER_UNSUPPORTED_REGIONS
from sagemaker.fw_utils import PYTHON_2_DEPRECATION_WARNING
from sagemaker.fw_utils import SINGLE_GPU_INSTANCE_TYPES
from sagemaker.fw_utils import SM_DATAPARALLEL_SUPPORTED_FRAMEWORK_VERSIONS
from sagemaker.fw_utils import SM_DATAPARALLEL_SUPPORTED_INSTANCE_TYPES
from sagemaker.fw_utils import SMDISTRIBUTED_SUPPORTED_STRATEGIES
from sagemaker.fw_utils import TORCH_DISTRIBUTED_GPU_SUPPORTED_FRAMEWORK_VERSIONS
from sagemaker.fw_utils import TRAINIUM_SUPPORTED_DISTRIBUTION_STRATEGIES
from sagemaker.fw_utils import TRAINIUM_SUPPORTED_TORCH_DISTRIBUTED_FRAMEWORK_VERSIONS
from sagemaker.fw_utils import Union
```

sagemaker.git_utils

Classes

```
[
  Path
]
```

Functions

```
[
  git_clone_repo,
  urlparse
]
```

Sentinels / Constants / Objects

```
[
  absolute_import
]
```

Import statements

 # Classes
```
from sagemaker.git_utils import Path
```
 # Functions
```
from sagemaker.git_utils import git_clone_repo
from sagemaker.git_utils import urlparse
```
 # Sentinels / Constants / Objects
```
from sagemaker.git_utils import absolute_import
```

sagemaker.huggingface

Classes

```
[
  HuggingFace,
  HuggingFaceModel,
  HuggingFacePredictor,
  HuggingFaceProcessor,
  TrainingCompilerConfig
]
```

Functions

```
[
  get_huggingface_llm_image_uri
]
```

Sentinels / Constants / Objects

```
[
  absolute_import
]
```

Import statements

 # Classes
```
from sagemaker.huggingface import HuggingFace
from sagemaker.huggingface import HuggingFaceModel
from sagemaker.huggingface import HuggingFacePredictor
from sagemaker.huggingface import HuggingFaceProcessor
from sagemaker.huggingface import TrainingCompilerConfig
```
 # Functions
```
from sagemaker.huggingface import get_huggingface_llm_image_uri
```
 # Sentinels / Constants / Objects
```
from sagemaker.huggingface import absolute_import
```

sagemaker.hyperparameters

Classes

```
[
  HyperparameterValidationMode,
  JumpStartModelType,
  Session
]
```

Functions

```
[
  retrieve_default,
  validate,
  validate_hyperparameters
]
```

Sentinels / Constants / Objects

```
[
  absolute_import,
  DEFAULT_JUMPSTART_SAGEMAKER_SESSION,
  Dict,
  logger,
  Optional
]
```

Import statements

 # Classes
```
from sagemaker.hyperparameters import HyperparameterValidationMode
from sagemaker.hyperparameters import JumpStartModelType
from sagemaker.hyperparameters import Session
```
 # Functions
```
from sagemaker.hyperparameters import retrieve_default
from sagemaker.hyperparameters import validate
from sagemaker.hyperparameters import validate_hyperparameters
```
 # Sentinels / Constants / Objects
```
from sagemaker.hyperparameters import absolute_import
from sagemaker.hyperparameters import DEFAULT_JUMPSTART_SAGEMAKER_SESSION
from sagemaker.hyperparameters import Dict
from sagemaker.hyperparameters import logger
from sagemaker.hyperparameters import Optional
```

sagemaker.image_uris

Classes

```
[
  JumpStartModelType,
  Version
]
```

Functions

```
[
  config_for_framework,
  get_base_python_image_uri,
  get_training_image_uri,
  is_jumpstart_model_input,
  is_pipeline_variable,
  override_pipeline_parameter_var,
  retrieve
]
```

Sentinels / Constants / Objects

```
[
  absolute_import,
  DATA_WRANGLER_FRAMEWORK,
  DEFAULT_JUMPSTART_SAGEMAKER_SESSION,
  ECR_URI_TEMPLATE,
  GRAVITON_ALLOWED_FRAMEWORKS,
  GRAVITON_ALLOWED_TARGET_INSTANCE_FAMILY,
  HUGGING_FACE_FRAMEWORK,
  HUGGING_FACE_LLM_FRAMEWORK,
  HUGGING_FACE_LLM_NEURONX_FRAMEWORK,
  HUGGING_FACE_TEI_CPU_FRAMEWORK,
  HUGGING_FACE_TEI_GPU_FRAMEWORK,
  INFERENCE_GRAVITON,
  JUMPSTART_LOGGER,
  logger,
  Optional,
  SAGEMAKER_TRITONSERVER_FRAMEWORK,
  SKLEARN_FRAMEWORK,
  STABILITYAI_FRAMEWORK,
  TRAINIUM_ALLOWED_FRAMEWORKS,
  XGBOOST_FRAMEWORK
]
```

Import statements

 # Classes
```
from sagemaker.image_uris import JumpStartModelType
from sagemaker.image_uris import Version
```
 # Functions
```
from sagemaker.image_uris import config_for_framework
from sagemaker.image_uris import get_base_python_image_uri
from sagemaker.image_uris import get_training_image_uri
from sagemaker.image_uris import is_jumpstart_model_input
from sagemaker.image_uris import is_pipeline_variable
from sagemaker.image_uris import override_pipeline_parameter_var
from sagemaker.image_uris import retrieve
```
 # Sentinels / Constants / Objects
```
from sagemaker.image_uris import absolute_import
from sagemaker.image_uris import DATA_WRANGLER_FRAMEWORK
from sagemaker.image_uris import DEFAULT_JUMPSTART_SAGEMAKER_SESSION
from sagemaker.image_uris import ECR_URI_TEMPLATE
from sagemaker.image_uris import GRAVITON_ALLOWED_FRAMEWORKS
```

```python
from sagemaker.image_uris import GRAVITON_ALLOWED_TARGET_INSTANCE_FAMILY
from sagemaker.image_uris import HUGGING_FACE_FRAMEWORK
from sagemaker.image_uris import HUGGING_FACE_LLM_FRAMEWORK
from sagemaker.image_uris import HUGGING_FACE_LLM_NEURONX_FRAMEWORK
from sagemaker.image_uris import HUGGING_FACE_TEI_CPU_FRAMEWORK
from sagemaker.image_uris import HUGGING_FACE_TEI_GPU_FRAMEWORK
from sagemaker.image_uris import INFERENCE_GRAVITON
from sagemaker.image_uris import JUMPSTART_LOGGER
from sagemaker.image_uris import logger
from sagemaker.image_uris import Optional
from sagemaker.image_uris import SAGEMAKER_TRITONSERVER_FRAMEWORK
from sagemaker.image_uris import SKLEARN_FRAMEWORK
from sagemaker.image_uris import STABILITYAI_FRAMEWORK
from sagemaker.image_uris import TRAINIUM_ALLOWED_FRAMEWORKS
from sagemaker.image_uris import XGBOOST_FRAMEWORK
```

sagemaker.inference_recommender

Classes

```
[
    ModelLatencyThreshold,
    Phase
]
```

Functions

```
[]
```

Sentinels / Constants / Objects

```
[
    absolute_import
]
```

Import statements

 # Classes
```
from sagemaker.inference_recommender import ModelLatencyThreshold
from sagemaker.inference_recommender import Phase
```
 # Functions
```
(none)
```
 # Sentinels / Constants / Objects
```
from sagemaker.inference_recommender import absolute_import
```

sagemaker.inputs

Classes

```
[
  BatchDataCaptureConfig,
  CreateModelInput,
  FileSystemInput,
  PipelineVariable,
  ShuffleConfig,
  TrainingInput,
  TransformInput
]
```

Functions

```
[]
```

Sentinels / Constants / Objects

```
[
  absolute_import,
  FILE_SYSTEM_ACCESS_MODES,
  FILE_SYSTEM_TYPES,
  List,
  Optional,
  print_function,
  Union
]
```

Import statements

 # Classes
```
from sagemaker.inputs import BatchDataCaptureConfig
from sagemaker.inputs import CreateModelInput
from sagemaker.inputs import FileSystemInput
from sagemaker.inputs import PipelineVariable
from sagemaker.inputs import ShuffleConfig
from sagemaker.inputs import TrainingInput
from sagemaker.inputs import TransformInput
```
 # Functions
```
(none)
```
 # Sentinels / Constants / Objects
```
from sagemaker.inputs import absolute_import
from sagemaker.inputs import FILE_SYSTEM_ACCESS_MODES
from sagemaker.inputs import FILE_SYSTEM_TYPES
from sagemaker.inputs import List
from sagemaker.inputs import Optional
from sagemaker.inputs import print_function
from sagemaker.inputs import Union
```

sagemaker.instance_group

Classes

```
[
    InstanceGroup
]
```

Functions

```
[]
```

Sentinels / Constants / Objects

```
[
    absolute_import
]
```

Import statements

 # Classes
```
from sagemaker.instance_group import InstanceGroup
```
 # Functions
```
(none)
```
 # Sentinels / Constants / Objects
```
from sagemaker.instance_group import absolute_import
```

sagemaker.instance_types

Classes

```
[
  JumpStartModelType,
  Session
]
```

Functions

```
[
  retrieve,
  retrieve_default
]
```

Sentinels / Constants / Objects

```
[
  absolute_import,
  DEFAULT_JUMPSTART_SAGEMAKER_SESSION,
  List,
  logger,
  Optional
]
```

Import statements

 # Classes
```
from sagemaker.instance_types import JumpStartModelType
from sagemaker.instance_types import Session
```
 # Functions
```
from sagemaker.instance_types import retrieve
from sagemaker.instance_types import retrieve_default
```
 # Sentinels / Constants / Objects
```
from sagemaker.instance_types import absolute_import
from sagemaker.instance_types import DEFAULT_JUMPSTART_SAGEMAKER_SESSION
from sagemaker.instance_types import List
from sagemaker.instance_types import logger
from sagemaker.instance_types import Optional
```

sagemaker.instance_types_gpu_info

Classes

```
[]
```

Functions

```
[
  retrieve
]
```

Sentinels / Constants / Objects

```
[
  absolute_import,
  Dict
]
```

Import statements

 # Classes
```
(none)
```
 # Functions
```
from sagemaker.instance_types_gpu_info import retrieve
```
 # Sentinels / Constants / Objects
```
from sagemaker.instance_types_gpu_info import absolute_import
from sagemaker.instance_types_gpu_info import Dict
```

sagemaker.interactive_apps

Classes

```
[
  DetailProfilerApp,
  Enum,
  SupportedInteractiveAppTypes,
  TensorBoardApp
]
```

Functions

```
[]
```

Sentinels / Constants / Objects

```
[
  absolute_import
]
```

Import statements

 # Classes
```
from sagemaker.interactive_apps import DetailProfilerApp
from sagemaker.interactive_apps import Enum
from sagemaker.interactive_apps import SupportedInteractiveAppTypes
from sagemaker.interactive_apps import TensorBoardApp
```
 # Functions
```
(none)
```
 # Sentinels / Constants / Objects
```
from sagemaker.interactive_apps import absolute_import
```

sagemaker.iterators

Classes

```
[
  ABC,
  BaseIterator,
  ByteIterator,
  InternalStreamFailure,
  LineIterator,
  ModelStreamError
]
```

Functions

```
[
  abstractmethod,
  handle_stream_errors
]
```

Sentinels / Constants / Objects

```
[
  absolute_import
]
```

Import statements

 # Classes
```
from sagemaker.iterators import ABC
from sagemaker.iterators import BaseIterator
from sagemaker.iterators import ByteIterator
from sagemaker.iterators import InternalStreamFailure
from sagemaker.iterators import LineIterator
from sagemaker.iterators import ModelStreamError
```
 # Functions
```
from sagemaker.iterators import abstractmethod
from sagemaker.iterators import handle_stream_errors
```
 # Sentinels / Constants / Objects
```
from sagemaker.iterators import absolute_import
```

sagemaker.job

Classes

```
[
    file_input,
    FileSystemInput,
    TrainingInput
]
```

Functions

```
[
    abstractmethod,
    is_pipeline_variable
]
```

Sentinels / Constants / Objects

```
[
    absolute_import,
    string_types
]
```

Import statements

 # Classes
```
from sagemaker.job import file_input
from sagemaker.job import FileSystemInput
from sagemaker.job import TrainingInput
```
 # Functions
```
from sagemaker.job import abstractmethod
from sagemaker.job import is_pipeline_variable
```
 # Sentinels / Constants / Objects
```
from sagemaker.job import absolute_import
from sagemaker.job import string_types
```

sagemaker.jumpstart

Classes

[ ]

Functions

[ ]

Sentinels / Constants / Objects

[ ]

Import statements

 # Classes
(none)
 # Functions
(none)
 # Sentinels / Constants / Objects
(none)

sagemaker.lambda_helper

Classes

```
[
  BytesIO,
  ClientError,
  Lambda,
  Session
]
```

Functions

```
[]
```

Sentinels / Constants / Objects

```
[
  absolute_import,
  print_function
]
```

Import statements

 # Classes
```
from sagemaker.lambda_helper import BytesIO
from sagemaker.lambda_helper import ClientError
from sagemaker.lambda_helper import Lambda
from sagemaker.lambda_helper import Session
```
 # Functions
```
(none)
```
 # Sentinels / Constants / Objects
```
from sagemaker.lambda_helper import absolute_import
from sagemaker.lambda_helper import print_function
```

sagemaker.lineage

Classes

[ ]

Functions

[ ]

Sentinels / Constants / Objects

[ ]

Import statements

 # Classes
(none)
 # Functions
(none)
 # Sentinels / Constants / Objects
(none)

sagemaker.local

Classes

```
[
    file_input,
    LocalSagemakerClient,
    LocalSagemakerRuntimeClient,
    LocalSession
]
```

Functions

```
[]
```

Sentinels / Constants / Objects

```
[
    absolute_import
]
```

Import statements

 # Classes
```
from sagemaker.local import file_input
from sagemaker.local import LocalSagemakerClient
from sagemaker.local import LocalSagemakerRuntimeClient
from sagemaker.local import LocalSession
```
 # Functions
```
(none)
```
 # Sentinels / Constants / Objects
```
from sagemaker.local import absolute_import
```

sagemaker.logs

Classes

```
[
  ColorWrap,
  Position
]
```

Functions

```
[
  argmin,
  log_stream,
  multi_stream_iter,
  some
]
```

Sentinels / Constants / Objects

```
[
  absolute_import
]
```

Import statements

 # Classes
```
from sagemaker.logs import ColorWrap
from sagemaker.logs import Position
```
 # Functions
```
from sagemaker.logs import argmin
from sagemaker.logs import log_stream
from sagemaker.logs import multi_stream_iter
from sagemaker.logs import some
```
 # Sentinels / Constants / Objects
```
from sagemaker.logs import absolute_import
```

sagemaker.metadata_properties

Classes

```
[
  MetadataProperties,
  PipelineVariable
]
```

Functions

```
[]
```

Sentinels / Constants / Objects

```
[
  absolute_import,
  Optional,
  Union
]
```

Import statements

 # Classes
```
from sagemaker.metadata_properties import MetadataProperties
from sagemaker.metadata_properties import PipelineVariable
```
 # Functions
```
(none)
```
 # Sentinels / Constants / Objects
```
from sagemaker.metadata_properties import absolute_import
from sagemaker.metadata_properties import Optional
from sagemaker.metadata_properties import Union
```

sagemaker.metric_definitions

Classes

```
[
  JumpStartModelType,
  Session
]
```

Functions

```
[
  retrieve_default
]
```

Sentinels / Constants / Objects

```
[
  absolute_import,
  DEFAULT_JUMPSTART_SAGEMAKER_SESSION,
  Dict,
  List,
  logger,
  Optional
]
```

Import statements

 # Classes
```
from sagemaker.metric_definitions import JumpStartModelType
from sagemaker.metric_definitions import Session
```
 # Functions
```
from sagemaker.metric_definitions import retrieve_default
```
 # Sentinels / Constants / Objects
```
from sagemaker.metric_definitions import absolute_import
from sagemaker.metric_definitions import DEFAULT_JUMPSTART_SAGEMAKER_SESSION
from sagemaker.metric_definitions import Dict
from sagemaker.metric_definitions import List
from sagemaker.metric_definitions import logger
from sagemaker.metric_definitions import Optional
```

sagemaker.mlflow

Classes

[ ]

Functions

[ ]

Sentinels / Constants / Objects

[ ]

Import statements

 # Classes
(none)
 # Functions
(none)
 # Sentinels / Constants / Objects
(none)

sagemaker.model

Classes

```
[
    Any,
    AsyncInferenceConfig,
    AsyncPredictor,
    DriftCheckBaselines,
    EndpointType,
    ExplainerConfig,
    FrameworkModel,
    InferenceRecommenderMixin,
    JumpStartModelType,
    MetadataProperties,
    Model,
    ModelApprovalStatusEnum,
    ModelBase,
    ModelCard,
    ModelLifeCycle,
    ModelMetrics,
    ModelPackage,
    ModelPackageModelCard,
    PipelineSession,
    PipelineVariable,
    PredictorBase,
    ResourceRequirements,
    ServerlessInferenceConfig,
    Session,
    Transformer
]
```

Functions

```
[
    add_jumpstart_uri_tags,
    format_tags,
    get_add_model_package_inference_args,
    get_jumpstart_base_name_if_jumpstart_model,
    get_update_model_package_inference_args,
    is_pipeline_variable,
    load_sagemaker_config,
    remove_tag_with_key,
    resolve_nested_dict_value_from_config,
    resolve_value_from_config,
    runnable_by_pipeline,
    to_string,
    unique_name_from_base,
    update_container_with_inference_params
]
```

Sentinels / Constants / Objects

```
[
    absolute_import,
    Callable,
    COMPILATION_JOB_ROLE_ARN_PATH,
    CONTAINER_LOG_LEVEL_PARAM_NAME,
    Dict,
    DIR_PARAM_NAME,
    EDGE_PACKAGING_KMS_KEY_ID_PATH,
    EDGE_PACKAGING_RESOURCE_KEY_PATH,
    EDGE_PACKAGING_ROLE_ARN_PATH,
    ENDPOINT_CONFIG_ASYNC_KMS_KEY_ID_PATH,
```

```
    JOB_NAME_PARAM_NAME,
    List,
    LOGGER,
    logger,
    MODEL_CONTAINERS_PATH,
    MODEL_ENABLE_NETWORK_ISOLATION_PATH,
    MODEL_EXECUTION_ROLE_ARN_PATH,
    MODEL_PACKAGE_ARN_PATTERN,
    MODEL_PACKAGE_VERSIONED_ARN_PATTERN,
    MODEL_PRIMARY_CONTAINER_ENVIRONMENT_PATH,
    MODEL_SERVER_WORKERS_PARAM_NAME,
    MODEL_VPC_CONFIG_PATH,
    NEO_ALLOWED_FRAMEWORKS,
    NEO_IOC_TARGET_DEVICES,
    NEO_MULTIVERSION_UNSUPPORTED,
    Optional,
    SAGEMAKER_OUTPUT_LOCATION,
    SAGEMAKER_REGION_PARAM_NAME,
    SCRIPT_PARAM_NAME,
    Tags,
    Union
]
```

Import statements

 # Classes
```
from sagemaker.model import Any
from sagemaker.model import AsyncInferenceConfig
from sagemaker.model import AsyncPredictor
from sagemaker.model import DriftCheckBaselines
from sagemaker.model import EndpointType
from sagemaker.model import ExplainerConfig
from sagemaker.model import FrameworkModel
from sagemaker.model import InferenceRecommenderMixin
from sagemaker.model import JumpStartModelType
from sagemaker.model import MetadataProperties
from sagemaker.model import Model
from sagemaker.model import ModelApprovalStatusEnum
from sagemaker.model import ModelBase
from sagemaker.model import ModelCard
from sagemaker.model import ModelLifeCycle
from sagemaker.model import ModelMetrics
from sagemaker.model import ModelPackage
from sagemaker.model import ModelPackageModelCard
from sagemaker.model import PipelineSession
from sagemaker.model import PipelineVariable
from sagemaker.model import PredictorBase
from sagemaker.model import ResourceRequirements
from sagemaker.model import ServerlessInferenceConfig
from sagemaker.model import Session
from sagemaker.model import Transformer
```
 # Functions
```
from sagemaker.model import add_jumpstart_uri_tags
from sagemaker.model import format_tags
from sagemaker.model import get_add_model_package_inference_args
from sagemaker.model import get_jumpstart_base_name_if_jumpstart_model
from sagemaker.model import get_update_model_package_inference_args
from sagemaker.model import is_pipeline_variable
from sagemaker.model import load_sagemaker_config
from sagemaker.model import remove_tag_with_key
from sagemaker.model import resolve_nested_dict_value_from_config
from sagemaker.model import resolve_value_from_config
from sagemaker.model import runnable_by_pipeline
```

```
from sagemaker.model import to_string
from sagemaker.model import unique_name_from_base
from sagemaker.model import update_container_with_inference_params
```
 # Sentinels / Constants / Objects
```
from sagemaker.model import absolute_import
from sagemaker.model import Callable
from sagemaker.model import COMPILATION_JOB_ROLE_ARN_PATH
from sagemaker.model import CONTAINER_LOG_LEVEL_PARAM_NAME
from sagemaker.model import Dict
from sagemaker.model import DIR_PARAM_NAME
from sagemaker.model import EDGE_PACKAGING_KMS_KEY_ID_PATH
from sagemaker.model import EDGE_PACKAGING_RESOURCE_KEY_PATH
from sagemaker.model import EDGE_PACKAGING_ROLE_ARN_PATH
from sagemaker.model import ENDPOINT_CONFIG_ASYNC_KMS_KEY_ID_PATH
from sagemaker.model import JOB_NAME_PARAM_NAME
from sagemaker.model import List
from sagemaker.model import LOGGER
from sagemaker.model import logger
from sagemaker.model import MODEL_CONTAINERS_PATH
from sagemaker.model import MODEL_ENABLE_NETWORK_ISOLATION_PATH
from sagemaker.model import MODEL_EXECUTION_ROLE_ARN_PATH
from sagemaker.model import MODEL_PACKAGE_ARN_PATTERN
from sagemaker.model import MODEL_PACKAGE_VERSIONED_ARN_PATTERN
from sagemaker.model import MODEL_PRIMARY_CONTAINER_ENVIRONMENT_PATH
from sagemaker.model import MODEL_SERVER_WORKERS_PARAM_NAME
from sagemaker.model import MODEL_VPC_CONFIG_PATH
from sagemaker.model import NEO_ALLOWED_FRAMEWORKS
from sagemaker.model import NEO_IOC_TARGET_DEVICES
from sagemaker.model import NEO_MULTIVERSION_UNSUPPORTED
from sagemaker.model import Optional
from sagemaker.model import SAGEMAKER_OUTPUT_LOCATION
from sagemaker.model import SAGEMAKER_REGION_PARAM_NAME
from sagemaker.model import SCRIPT_PARAM_NAME
from sagemaker.model import Tags
from sagemaker.model import Union
```

sagemaker.model_card

Classes

```
[
  AdditionalInformation,
  BusinessDetails,
  Environment,
  EvaluationJob,
  EvaluationMetricTypeEnum,
  FacetEnum,
  Function,
  HyperParameter,
  IntendedUses,
  Metric,
  MetricGroup,
  MetricTypeEnum,
  ModelCard,
  ModelCardStatusEnum,
  ModelOverview,
  ModelPackage,
  ModelPackageModelCard,
  ObjectiveFunction,
  ObjectiveFunctionEnum,
  RiskRatingEnum,
  TrainingDetails,
  TrainingJobDetails,
  TrainingMetric
]
```

Functions

```
[]
```

Sentinels / Constants / Objects

```
[]
```

Import statements

 # Classes
```
from sagemaker.model_card import AdditionalInformation
from sagemaker.model_card import BusinessDetails
from sagemaker.model_card import Environment
from sagemaker.model_card import EvaluationJob
from sagemaker.model_card import EvaluationMetricTypeEnum
from sagemaker.model_card import FacetEnum
from sagemaker.model_card import Function
from sagemaker.model_card import HyperParameter
from sagemaker.model_card import IntendedUses
from sagemaker.model_card import Metric
from sagemaker.model_card import MetricGroup
from sagemaker.model_card import MetricTypeEnum
from sagemaker.model_card import ModelCard
from sagemaker.model_card import ModelCardStatusEnum
from sagemaker.model_card import ModelOverview
from sagemaker.model_card import ModelPackage
from sagemaker.model_card import ModelPackageModelCard
from sagemaker.model_card import ObjectiveFunction
from sagemaker.model_card import ObjectiveFunctionEnum
from sagemaker.model_card import RiskRatingEnum
from sagemaker.model_card import TrainingDetails
from sagemaker.model_card import TrainingJobDetails
from sagemaker.model_card import TrainingMetric
```
 # Functions

(none)

Sentinels / Constants / Objects

(none)

sagemaker.model_life_cycle

Classes

```
[
  ModelLifeCycle,
  PipelineVariable
]
```

Functions

```
[]
```

Sentinels / Constants / Objects

```
[
  absolute_import,
  Optional,
  Union
]
```

Import statements

 # Classes
```
from sagemaker.model_life_cycle import ModelLifeCycle
from sagemaker.model_life_cycle import PipelineVariable
```
 # Functions
```
(none)
```
 # Sentinels / Constants / Objects
```
from sagemaker.model_life_cycle import absolute_import
from sagemaker.model_life_cycle import Optional
from sagemaker.model_life_cycle import Union
```

sagemaker.model_metrics

Classes

```
[
  FileSource,
  MetricsSource,
  ModelMetrics,
  PipelineVariable
]
```

Functions

```
[]
```

Sentinels / Constants / Objects

```
[
  absolute_import,
  Optional,
  Union
]
```

Import statements

 # Classes
```
from sagemaker.model_metrics import FileSource
from sagemaker.model_metrics import MetricsSource
from sagemaker.model_metrics import ModelMetrics
from sagemaker.model_metrics import PipelineVariable
```
 # Functions
```
(none)
```
 # Sentinels / Constants / Objects
```
from sagemaker.model_metrics import absolute_import
from sagemaker.model_metrics import Optional
from sagemaker.model_metrics import Union
```

sagemaker.model_monitor

Classes

```
[
  BaseliningJob,
  BatchTransformInput,
  BiasAnalysisConfig,
  Constraints,
  ConstraintViolations,
  CronExpressionGenerator,
  DataCaptureConfig,
  DataQualityDistributionConstraints,
  DataQualityMonitoringConfig,
  DatasetFormat,
  DefaultModelMonitor,
  EndpointInput,
  ExplainabilityAnalysisConfig,
  ModelBiasMonitor,
  ModelExplainabilityMonitor,
  ModelMonitor,
  ModelQualityMonitor,
  MonitoringDatasetFormat,
  MonitoringExecution,
  MonitoringOutput,
  NetworkConfig,
  Statistics
]
```

Functions

```
[]
```

Sentinels / Constants / Objects

```
[
  absolute_import
]
```

Import statements

 # Classes
```
from sagemaker.model_monitor import BaseliningJob
from sagemaker.model_monitor import BatchTransformInput
from sagemaker.model_monitor import BiasAnalysisConfig
from sagemaker.model_monitor import Constraints
from sagemaker.model_monitor import ConstraintViolations
from sagemaker.model_monitor import CronExpressionGenerator
from sagemaker.model_monitor import DataCaptureConfig
from sagemaker.model_monitor import DataQualityDistributionConstraints
from sagemaker.model_monitor import DataQualityMonitoringConfig
from sagemaker.model_monitor import DatasetFormat
from sagemaker.model_monitor import DefaultModelMonitor
from sagemaker.model_monitor import EndpointInput
from sagemaker.model_monitor import ExplainabilityAnalysisConfig
from sagemaker.model_monitor import ModelBiasMonitor
from sagemaker.model_monitor import ModelExplainabilityMonitor
from sagemaker.model_monitor import ModelMonitor
from sagemaker.model_monitor import ModelQualityMonitor
from sagemaker.model_monitor import MonitoringDatasetFormat
from sagemaker.model_monitor import MonitoringExecution
from sagemaker.model_monitor import MonitoringOutput
from sagemaker.model_monitor import NetworkConfig
from sagemaker.model_monitor import Statistics
```
 # Functions

```
(none)
```

 # Sentinels / Constants / Objects

```
from sagemaker.model_monitor import absolute_import
```

sagemaker.model_uris

Classes

```
[
  JumpStartModelType,
  Session
]
```

Functions

```
[
  retrieve
]
```

Sentinels / Constants / Objects

```
[
  absolute_import,
  DEFAULT_JUMPSTART_SAGEMAKER_SESSION,
  logger,
  Optional
]
```

Import statements

 # Classes
```
from sagemaker.model_uris import JumpStartModelType
from sagemaker.model_uris import Session
```
 # Functions
```
from sagemaker.model_uris import retrieve
```
 # Sentinels / Constants / Objects
```
from sagemaker.model_uris import absolute_import
from sagemaker.model_uris import DEFAULT_JUMPSTART_SAGEMAKER_SESSION
from sagemaker.model_uris import logger
from sagemaker.model_uris import Optional
```

sagemaker.modules

Classes

```
[
    Session
]
```

Functions

```
[
    get_execution_role
]
```

Sentinels / Constants / Objects

```
[
    absolute_import,
    logger,
    sagemaker_core_logger
]
```

Import statements

 # Classes
```
from sagemaker.modules import Session
```
 # Functions
```
from sagemaker.modules import get_execution_role
```
 # Sentinels / Constants / Objects
```
from sagemaker.modules import absolute_import
from sagemaker.modules import logger
from sagemaker.modules import sagemaker_core_logger
```

sagemaker.multidatamodel

Classes

```
[
  Model,
  MultiDataModel,
  PipelineVariable,
  Session
]
```

Functions

```
[
  format_tags,
  pop_out_unused_kwarg,
  removed_kwargs,
  urlparse
]
```

Sentinels / Constants / Objects

```
[
  absolute_import,
  MULTI_MODEL_CONTAINER_MODE,
  Optional,
  Union
]
```

Import statements

 # Classes
```
from sagemaker.multidatamodel import Model
from sagemaker.multidatamodel import MultiDataModel
from sagemaker.multidatamodel import PipelineVariable
from sagemaker.multidatamodel import Session
```
 # Functions
```
from sagemaker.multidatamodel import format_tags
from sagemaker.multidatamodel import pop_out_unused_kwarg
from sagemaker.multidatamodel import removed_kwargs
from sagemaker.multidatamodel import urlparse
```
 # Sentinels / Constants / Objects
```
from sagemaker.multidatamodel import absolute_import
from sagemaker.multidatamodel import MULTI_MODEL_CONTAINER_MODE
from sagemaker.multidatamodel import Optional
from sagemaker.multidatamodel import Union
```

sagemaker.mxnet

Classes

```
[
    MXNet,
    MXNetModel,
    MXNetPredictor,
    MXNetProcessor
]
```

Functions

```
[]
```

Sentinels / Constants / Objects

```
[
    absolute_import
]
```

Import statements

 # Classes
```
from sagemaker.mxnet import MXNet
from sagemaker.mxnet import MXNetModel
from sagemaker.mxnet import MXNetPredictor
from sagemaker.mxnet import MXNetProcessor
```
 # Functions
```
(none)
```
 # Sentinels / Constants / Objects
```
from sagemaker.mxnet import absolute_import
```

sagemaker.network

Classes

```
[
  NetworkConfig,
  PipelineVariable
]
```

Functions

```
[]
```

Sentinels / Constants / Objects

```
[
  absolute_import,
  List,
  Optional,
  Union
]
```

Import statements

 # Classes
```
from sagemaker.network import NetworkConfig
from sagemaker.network import PipelineVariable
```
 # Functions
```
(none)
```
 # Sentinels / Constants / Objects
```
from sagemaker.network import absolute_import
from sagemaker.network import List
from sagemaker.network import Optional
from sagemaker.network import Union
```

sagemaker.parameter

Classes

```
[
  CategoricalParameter,
  ContinuousParameter,
  IntegerParameter,
  ParameterRange,
  PipelineVariable
]
```

Functions

```
[
  to_string
]
```

Sentinels / Constants / Objects

```
[
  absolute_import,
  Union
]
```

Import statements

 # Classes
```
from sagemaker.parameter import CategoricalParameter
from sagemaker.parameter import ContinuousParameter
from sagemaker.parameter import IntegerParameter
from sagemaker.parameter import ParameterRange
from sagemaker.parameter import PipelineVariable
```
 # Functions
```
from sagemaker.parameter import to_string
```
 # Sentinels / Constants / Objects
```
from sagemaker.parameter import absolute_import
from sagemaker.parameter import Union
```

sagemaker.partner_app

Classes

```
[
  PartnerAppAuthProvider
]
```

Functions

```
[]
```

Sentinels / Constants / Objects

```
[
  absolute_import
]
```

Import statements

 # Classes
```
from sagemaker.partner_app import PartnerAppAuthProvider
```
 # Functions
```
(none)
```
 # Sentinels / Constants / Objects
```
from sagemaker.partner_app import absolute_import
```

sagemaker.payloads

Classes

```
[
  JumpStartModelType,
  JumpStartSerializablePayload,
  PayloadSerializer,
  Session
]
```

Functions

```
[
  retrieve_all_examples,
  retrieve_example
]
```

Sentinels / Constants / Objects

```
[
  absolute_import,
  DEFAULT_JUMPSTART_SAGEMAKER_SESSION,
  Dict,
  List,
  logger,
  Optional
]
```

Import statements

 # Classes
```
from sagemaker.payloads import JumpStartModelType
from sagemaker.payloads import JumpStartSerializablePayload
from sagemaker.payloads import PayloadSerializer
from sagemaker.payloads import Session
```
 # Functions
```
from sagemaker.payloads import retrieve_all_examples
from sagemaker.payloads import retrieve_example
```
 # Sentinels / Constants / Objects
```
from sagemaker.payloads import absolute_import
from sagemaker.payloads import DEFAULT_JUMPSTART_SAGEMAKER_SESSION
from sagemaker.payloads import Dict
from sagemaker.payloads import List
from sagemaker.payloads import logger
from sagemaker.payloads import Optional
```

sagemaker.pipeline

Classes

```
[
  DriftCheckBaselines,
  MetadataProperties,
  Model,
  ModelCard,
  ModelMetrics,
  ModelPackage,
  ModelPackageModelCard,
  PipelineModel,
  PipelineVariable,
  Session,
  Transformer
]
```

Functions

```
[
  format_tags,
  instance_supports_kms,
  load_sagemaker_config,
  name_from_image,
  resolve_value_from_config,
  runnable_by_pipeline,
  update_container_with_inference_params
]
```

Sentinels / Constants / Objects

```
[
  absolute_import,
  Callable,
  Dict,
  ENDPOINT_CONFIG_KMS_KEY_ID_PATH,
  List,
  MODEL_ENABLE_NETWORK_ISOLATION_PATH,
  MODEL_EXECUTION_ROLE_ARN_PATH,
  MODEL_VPC_CONFIG_PATH,
  Optional,
  Union
]
```

Import statements

 # Classes
```
from sagemaker.pipeline import DriftCheckBaselines
from sagemaker.pipeline import MetadataProperties
from sagemaker.pipeline import Model
from sagemaker.pipeline import ModelCard
from sagemaker.pipeline import ModelMetrics
from sagemaker.pipeline import ModelPackage
from sagemaker.pipeline import ModelPackageModelCard
from sagemaker.pipeline import PipelineModel
from sagemaker.pipeline import PipelineVariable
from sagemaker.pipeline import Session
from sagemaker.pipeline import Transformer
```
 # Functions
```
from sagemaker.pipeline import format_tags
from sagemaker.pipeline import instance_supports_kms
from sagemaker.pipeline import load_sagemaker_config
from sagemaker.pipeline import name_from_image
from sagemaker.pipeline import resolve_value_from_config
```

```
from sagemaker.pipeline import runnable_by_pipeline
from sagemaker.pipeline import update_container_with_inference_params
```
 # Sentinels / Constants / Objects
```
from sagemaker.pipeline import absolute_import
from sagemaker.pipeline import Callable
from sagemaker.pipeline import Dict
from sagemaker.pipeline import ENDPOINT_CONFIG_KMS_KEY_ID_PATH
from sagemaker.pipeline import List
from sagemaker.pipeline import MODEL_ENABLE_NETWORK_ISOLATION_PATH
from sagemaker.pipeline import MODEL_EXECUTION_ROLE_ARN_PATH
from sagemaker.pipeline import MODEL_VPC_CONFIG_PATH
from sagemaker.pipeline import Optional
from sagemaker.pipeline import Union
```

sagemaker.predictor

Classes

```
[
  JumpStartModelType,
  Predictor,
  PredictorBase,
  RealTimePredictor,
  Session
]
```

Functions

```
[
  get_default_predictor,
  get_model_info_from_endpoint,
  retrieve_default
]
```

Sentinels / Constants / Objects

```
[
  absolute_import,
  DEFAULT_JUMPSTART_SAGEMAKER_SESSION,
  Optional,
  print_function
]
```

Import statements

 # Classes
```
from sagemaker.predictor import JumpStartModelType
from sagemaker.predictor import Predictor
from sagemaker.predictor import PredictorBase
from sagemaker.predictor import RealTimePredictor
from sagemaker.predictor import Session
```
 # Functions
```
from sagemaker.predictor import get_default_predictor
from sagemaker.predictor import get_model_info_from_endpoint
from sagemaker.predictor import retrieve_default
```
 # Sentinels / Constants / Objects
```
from sagemaker.predictor import absolute_import
from sagemaker.predictor import DEFAULT_JUMPSTART_SAGEMAKER_SESSION
from sagemaker.predictor import Optional
from sagemaker.predictor import print_function
```

sagemaker.predictor_async

Classes

```
[
  AsyncInferenceModelError,
  AsyncInferenceResponse,
  AsyncPredictor,
  PollingTimeoutError,
  Session,
  WaiterConfig,
  WaiterError
]
```

Functions

```
[
  format_tags,
  name_from_base,
  parse_s3_url,
  sagemaker_timestamp
]
```

Sentinels / Constants / Objects

```
[
  absolute_import
]
```

Import statements

 # Classes
```
from sagemaker.predictor_async import AsyncInferenceModelError
from sagemaker.predictor_async import AsyncInferenceResponse
from sagemaker.predictor_async import AsyncPredictor
from sagemaker.predictor_async import PollingTimeoutError
from sagemaker.predictor_async import Session
from sagemaker.predictor_async import WaiterConfig
from sagemaker.predictor_async import WaiterError
```
 # Functions
```
from sagemaker.predictor_async import format_tags
from sagemaker.predictor_async import name_from_base
from sagemaker.predictor_async import parse_s3_url
from sagemaker.predictor_async import sagemaker_timestamp
```
 # Sentinels / Constants / Objects
```
from sagemaker.predictor_async import absolute_import
```

sagemaker.processing

Classes

```
[
  ApiObject,
  DatasetDefinition,
  ExecutionVariables,
  FeatureStoreOutput,
  FrameworkProcessor,
  Join,
  LocalSession,
  NetworkConfig,
  PipelineVariable,
  ProcessingInput,
  ProcessingJob,
  ProcessingOutput,
  Processor,
  RunArgs,
  S3Input,
  S3Uploader,
  ScriptProcessor,
  Session
]
```

Functions

```
[
  base_name_from_image,
  check_and_get_run_experiment_config,
  copy,
  dedent,
  format_tags,
  get_config_value,
  is_pipeline_variable,
  name_from_base,
  resolve_class_attribute_from_config,
  resolve_value_from_config,
  runnable_by_pipeline,
  url2pathname,
  urlparse
]
```

Sentinels / Constants / Objects

```
[
  absolute_import,
  Dict,
  List,
  logger,
  Optional,
  PROCESSING_JOB_ENABLE_NETWORK_ISOLATION_PATH,
  PROCESSING_JOB_ENVIRONMENT_PATH,
  PROCESSING_JOB_INTER_CONTAINER_ENCRYPTION_PATH,
  PROCESSING_JOB_KMS_KEY_ID_PATH,
  PROCESSING_JOB_ROLE_ARN_PATH,
  PROCESSING_JOB_SECURITY_GROUP_IDS_PATH,
  PROCESSING_JOB_SUBNETS_PATH,
  PROCESSING_JOB_VOLUME_KMS_KEY_ID_PATH,
  Tags,
  Union
]
```

Import statements

 # Classes
```
from sagemaker.processing import ApiObject
from sagemaker.processing import DatasetDefinition
from sagemaker.processing import ExecutionVariables
from sagemaker.processing import FeatureStoreOutput
from sagemaker.processing import FrameworkProcessor
from sagemaker.processing import Join
from sagemaker.processing import LocalSession
from sagemaker.processing import NetworkConfig
from sagemaker.processing import PipelineVariable
from sagemaker.processing import ProcessingInput
from sagemaker.processing import ProcessingJob
from sagemaker.processing import ProcessingOutput
from sagemaker.processing import Processor
from sagemaker.processing import RunArgs
from sagemaker.processing import S3Input
from sagemaker.processing import S3Uploader
from sagemaker.processing import ScriptProcessor
from sagemaker.processing import Session
```
 # Functions
```
from sagemaker.processing import base_name_from_image
from sagemaker.processing import check_and_get_run_experiment_config
from sagemaker.processing import copy
from sagemaker.processing import dedent
from sagemaker.processing import format_tags
from sagemaker.processing import get_config_value
from sagemaker.processing import is_pipeline_variable
from sagemaker.processing import name_from_base
from sagemaker.processing import resolve_class_attribute_from_config
from sagemaker.processing import resolve_value_from_config
from sagemaker.processing import runnable_by_pipeline
from sagemaker.processing import url2pathname
from sagemaker.processing import urlparse
```
 # Sentinels / Constants / Objects
```
from sagemaker.processing import absolute_import
from sagemaker.processing import Dict
from sagemaker.processing import List
from sagemaker.processing import logger
from sagemaker.processing import Optional
from sagemaker.processing import PROCESSING_JOB_ENABLE_NETWORK_ISOLATION_PATH
from sagemaker.processing import PROCESSING_JOB_ENVIRONMENT_PATH
from sagemaker.processing import PROCESSING_JOB_INTER_CONTAINER_ENCRYPTION_PATH
from sagemaker.processing import PROCESSING_JOB_KMS_KEY_ID_PATH
from sagemaker.processing import PROCESSING_JOB_ROLE_ARN_PATH
from sagemaker.processing import PROCESSING_JOB_SECURITY_GROUP_IDS_PATH
from sagemaker.processing import PROCESSING_JOB_SUBNETS_PATH
from sagemaker.processing import PROCESSING_JOB_VOLUME_KMS_KEY_ID_PATH
from sagemaker.processing import Tags
from sagemaker.processing import Union
```

sagemaker.pytorch

Classes

```
[
    PyTorch,
    PyTorchModel,
    PyTorchPredictor,
    PyTorchProcessor,
    TrainingCompilerConfig
]
```

Functions

```
[]
```

Sentinels / Constants / Objects

```
[
    absolute_import
]
```

Import statements

 # Classes
```
from sagemaker.pytorch import PyTorch
from sagemaker.pytorch import PyTorchModel
from sagemaker.pytorch import PyTorchPredictor
from sagemaker.pytorch import PyTorchProcessor
from sagemaker.pytorch import TrainingCompilerConfig
```
 # Functions
```
(none)
```
 # Sentinels / Constants / Objects
```
from sagemaker.pytorch import absolute_import
```

sagemaker.remote_function

Classes

```
[
  CheckpointLocation,
  CustomFileFilter,
  RemoteExecutor,
  SparkConfig
]
```

Functions

```
[
  remote
]
```

Sentinels / Constants / Objects

```
[
  absolute_import
]
```

Import statements

 # Classes
```
from sagemaker.remote_function import CheckpointLocation
from sagemaker.remote_function import CustomFileFilter
from sagemaker.remote_function import RemoteExecutor
from sagemaker.remote_function import SparkConfig
```
 # Functions
```
from sagemaker.remote_function import remote
```
 # Sentinels / Constants / Objects
```
from sagemaker.remote_function import absolute_import
```

sagemaker.resource_requirements

Classes

```
[
  JumpStartModelType,
  ResourceRequirements,
  Session
]
```

Functions

```
[
  retrieve_default
]
```

Sentinels / Constants / Objects

```
[
  absolute_import,
  DEFAULT_JUMPSTART_SAGEMAKER_SESSION,
  LOGGER,
  Optional
]
```

Import statements

 # Classes
```
from sagemaker.resource_requirements import JumpStartModelType
from sagemaker.resource_requirements import ResourceRequirements
from sagemaker.resource_requirements import Session
```
 # Functions
```
from sagemaker.resource_requirements import retrieve_default
```
 # Sentinels / Constants / Objects
```
from sagemaker.resource_requirements import absolute_import
from sagemaker.resource_requirements import DEFAULT_JUMPSTART_SAGEMAKER_SESSION
from sagemaker.resource_requirements import LOGGER
from sagemaker.resource_requirements import Optional
```

sagemaker.rl

Classes

```
[
    RLEstimator,
    RLFramework,
    RLToolkit
]
```

Functions

```
[]
```

Sentinels / Constants / Objects

```
[
    absolute_import,
    TOOLKIT_FRAMEWORK_VERSION_MAP
]
```

Import statements

 # Classes
```
from sagemaker.rl import RLEstimator
from sagemaker.rl import RLFramework
from sagemaker.rl import RLToolkit
```
 # Functions
```
(none)
```
 # Sentinels / Constants / Objects
```
from sagemaker.rl import absolute_import
from sagemaker.rl import TOOLKIT_FRAMEWORK_VERSION_MAP
```

sagemaker.s3

Classes

```
[
    S3Downloader,
    S3Uploader,
    Session
]
```

Functions

```
[
    determine_bucket_and_prefix,
    parse_s3_url,
    s3_path_join
]
```

Sentinels / Constants / Objects

```
[
    absolute_import,
    logger,
    print_function,
    Union
]
```

Import statements

 # Classes
```
from sagemaker.s3 import S3Downloader
from sagemaker.s3 import S3Uploader
from sagemaker.s3 import Session
```
 # Functions
```
from sagemaker.s3 import determine_bucket_and_prefix
from sagemaker.s3 import parse_s3_url
from sagemaker.s3 import s3_path_join
```
 # Sentinels / Constants / Objects
```
from sagemaker.s3 import absolute_import
from sagemaker.s3 import logger
from sagemaker.s3 import print_function
from sagemaker.s3 import Union
```

sagemaker.s3_utils

Classes

[ ]

Functions

```
[
  determine_bucket_and_prefix,
  is_s3_url,
  parse_s3_url,
  reduce,
  s3_path_join,
  urlparse
]
```

Sentinels / Constants / Objects

```
[
  absolute_import,
  logger,
  Optional,
  print_function
]
```

Import statements

 # Classes
(none)
 # Functions
```
from sagemaker.s3_utils import determine_bucket_and_prefix
from sagemaker.s3_utils import is_s3_url
from sagemaker.s3_utils import parse_s3_url
from sagemaker.s3_utils import reduce
from sagemaker.s3_utils import s3_path_join
from sagemaker.s3_utils import urlparse
```
 # Sentinels / Constants / Objects
```
from sagemaker.s3_utils import absolute_import
from sagemaker.s3_utils import logger
from sagemaker.s3_utils import Optional
from sagemaker.s3_utils import print_function
```

sagemaker.script_uris

Classes

```
[
  JumpStartModelType,
  Session
]
```

Functions

```
[
  retrieve
]
```

Sentinels / Constants / Objects

```
[
  absolute_import,
  DEFAULT_JUMPSTART_SAGEMAKER_SESSION,
  logger,
  Optional
]
```

Import statements

 # Classes
```
from sagemaker.script_uris import JumpStartModelType
from sagemaker.script_uris import Session
```
 # Functions
```
from sagemaker.script_uris import retrieve
```
 # Sentinels / Constants / Objects
```
from sagemaker.script_uris import absolute_import
from sagemaker.script_uris import DEFAULT_JUMPSTART_SAGEMAKER_SESSION
from sagemaker.script_uris import logger
from sagemaker.script_uris import Optional
```

sagemaker.serializer_utils

Classes

```
[
  DeferredError,
  Record
]
```

Functions

```
[
  read_recordio,
  read_records,
  write_numpy_to_dense_tensor,
  write_spmatrix_to_sparse_tensor
]
```

Sentinels / Constants / Objects

```
[
  absolute_import,
  amount,
  padding
]
```

Import statements

 # Classes
```
from sagemaker.serializer_utils import DeferredError
from sagemaker.serializer_utils import Record
```
 # Functions
```
from sagemaker.serializer_utils import read_recordio
from sagemaker.serializer_utils import read_records
from sagemaker.serializer_utils import write_numpy_to_dense_tensor
from sagemaker.serializer_utils import write_spmatrix_to_sparse_tensor
```
 # Sentinels / Constants / Objects
```
from sagemaker.serializer_utils import absolute_import
from sagemaker.serializer_utils import amount
from sagemaker.serializer_utils import padding
```

sagemaker.serializers

Classes

```
[
  BaseSerializer,
  CSVSerializer,
  DataSerializer,
  IdentitySerializer,
  JSONLinesSerializer,
  JSONSerializer,
  JumpStartModelType,
  LibSVMSerializer,
  numpy_to_record_serializer,
  NumpySerializer,
  RecordSerializer,
  Session,
  SimpleBaseSerializer,
  SparseMatrixSerializer,
  StringSerializer,
  TorchTensorSerializer
]
```

Functions

```
[
  deprecated_class,
  retrieve_default,
  retrieve_options
]
```

Sentinels / Constants / Objects

```
[
  absolute_import,
  DEFAULT_JUMPSTART_SAGEMAKER_SESSION,
  List,
  Optional
]
```

Import statements

 # Classes
```
from sagemaker.serializers import BaseSerializer
from sagemaker.serializers import CSVSerializer
from sagemaker.serializers import DataSerializer
from sagemaker.serializers import IdentitySerializer
from sagemaker.serializers import JSONLinesSerializer
from sagemaker.serializers import JSONSerializer
from sagemaker.serializers import JumpStartModelType
from sagemaker.serializers import LibSVMSerializer
from sagemaker.serializers import numpy_to_record_serializer
from sagemaker.serializers import NumpySerializer
from sagemaker.serializers import RecordSerializer
from sagemaker.serializers import Session
from sagemaker.serializers import SimpleBaseSerializer
from sagemaker.serializers import SparseMatrixSerializer
from sagemaker.serializers import StringSerializer
from sagemaker.serializers import TorchTensorSerializer
```
 # Functions
```
from sagemaker.serializers import deprecated_class
from sagemaker.serializers import retrieve_default
from sagemaker.serializers import retrieve_options
```
 # Sentinels / Constants / Objects
```
from sagemaker.serializers import absolute_import
```

```
from sagemaker.serializers import DEFAULT_JUMPSTART_SAGEMAKER_SESSION
from sagemaker.serializers import List
from sagemaker.serializers import Optional
```

sagemaker.serve

Classes

```
[
  CustomPayloadTranslator,
  InferenceSpec,
  Mode,
  ModelBuilder,
  ModelServer,
  SchemaBuilder
]
```

Functions

```
[]
```

Sentinels / Constants / Objects

```
[]
```

Import statements

 # Classes
```
from sagemaker.serve import CustomPayloadTranslator
from sagemaker.serve import InferenceSpec
from sagemaker.serve import Mode
from sagemaker.serve import ModelBuilder
from sagemaker.serve import ModelServer
from sagemaker.serve import SchemaBuilder
```
 # Functions
```
(none)
```
 # Sentinels / Constants / Objects
```
(none)
```

sagemaker.serverless

Classes

```
[
  ServerlessInferenceConfig
]
```

Functions

```
[
  LambdaModel,
  LambdaPredictor
]
```

Sentinels / Constants / Objects

```
[]
```

Import statements

 # Classes
```
from sagemaker.serverless import ServerlessInferenceConfig
```
 # Functions
```
from sagemaker.serverless import LambdaModel
from sagemaker.serverless import LambdaPredictor
```
 # Sentinels / Constants / Objects
```
(none)
```

sagemaker.session

Classes

```
[
    Any,
    BatchDataCaptureConfig,
    ClientError,
    EndpointType,
    LogState,
    s3_input,
    Session,
    SessionSettings,
    ShuffleConfig,
    TrainingInput
]
```

Functions

```
[
    can_model_package_source_uri_autopopulate,
    container_def,
    create_paginator_config,
    deepcopy,
    deprecated_class,
    format_tags,
    generate_default_sagemaker_bucket_name,
    get_add_model_package_inference_args,
    get_create_model_package_request,
    get_execution_role,
    get_log_events_for_inference_recommender,
    get_model_package_args,
    get_sagemaker_config_value,
    get_update_model_package_inference_args,
    get_user_agent_extra_suffix,
    instance_supports_kms,
    load_sagemaker_config,
    name_from_image,
    pipeline_container_def,
    production_variant,
    resolve_class_attribute_from_config,
    resolve_nested_dict_value_from_config,
    resolve_value_from_config,
    retries,
    secondary_training_status_changed,
    secondary_training_status_message,
    sts_regional_endpoint,
    update_args,
    update_list_of_dicts_with_values_from_config,
    update_nested_dictionary_with_values_from_config,
    validate_sagemaker_config
]
```

Sentinels / Constants / Objects

```
[
    absolute_import,
    annotations,
    AUTO_ML_JOB,
    AUTO_ML_JOB_CONFIG_PATH,
    AUTO_ML_JOB_V2,
    AUTO_ML_OUTPUT_CONFIG_PATH,
    AUTO_ML_ROLE_ARN_PATH,
    AUTO_ML_V2_OUTPUT_CONFIG_PATH,
```

```
AUTO_ML_V2_ROLE_ARN_PATH,
COMPILATION_JOB,
COMPILATION_JOB_OUTPUT_CONFIG_PATH,
COMPILATION_JOB_ROLE_ARN_PATH,
COMPILATION_JOB_VPC_CONFIG_PATH,
DEFAULT_EP_POLL,
Dict,
EDGE_PACKAGING_JOB,
EDGE_PACKAGING_OUTPUT_CONFIG_PATH,
EDGE_PACKAGING_RESOURCE_KEY_PATH,
EDGE_PACKAGING_ROLE_ARN_PATH,
ENDPOINT,
ENDPOINT_CONFIG,
ENDPOINT_CONFIG_ASYNC_INFERENCE_PATH,
ENDPOINT_CONFIG_DATA_CAPTURE_PATH,
ENDPOINT_CONFIG_ENABLE_NETWORK_ISOLATION_PATH,
ENDPOINT_CONFIG_EXECUTION_ROLE_ARN_PATH,
ENDPOINT_CONFIG_KMS_KEY_ID_PATH,
ENDPOINT_CONFIG_PRODUCTION_VARIANTS_PATH,
ENDPOINT_CONFIG_VPC_CONFIG_PATH,
EP_LOGGER_POLL,
FEATURE_GROUP,
FEATURE_GROUP_OFFLINE_STORE_CONFIG_PATH,
FEATURE_GROUP_ONLINE_STORE_CONFIG_PATH,
FEATURE_GROUP_ROLE_ARN_PATH,
INFERENCE_COMPONENT,
KEY,
KMS_KEY_ID,
List,
LOGGER,
logger,
MODEL,
MODEL_CONTAINERS_PATH,
MODEL_ENABLE_NETWORK_ISOLATION_PATH,
MODEL_EXECUTION_ROLE_ARN_PATH,
MODEL_MONITOR_ONE_TIME_SCHEDULE,
MODEL_PACKAGE_INFERENCE_SPECIFICATION_CONTAINERS_PATH,
MODEL_PACKAGE_VALIDATION_PROFILES_PATH,
MODEL_PACKAGE_VALIDATION_ROLE_PATH,
MODEL_PRIMARY_CONTAINER_ENVIRONMENT_PATH,
MODEL_PRIMARY_CONTAINER_PATH,
MODEL_VPC_CONFIG_PATH,
MONITORING_JOB_ENVIRONMENT_PATH,
MONITORING_JOB_NETWORK_CONFIG_PATH,
MONITORING_JOB_OUTPUT_KMS_KEY_ID_PATH,
MONITORING_JOB_ROLE_ARN_PATH,
MONITORING_JOB_VOLUME_KMS_KEY_ID_PATH,
MONITORING_SCHEDULE,
MONITORING_SCHEDULE_INTER_CONTAINER_ENCRYPTION_PATH,
NOTEBOOK_METADATA_FILE,
Optional,
print_function,
PROCESSING_JOB,
PROCESSING_JOB_ENVIRONMENT_PATH,
PROCESSING_JOB_INPUTS_PATH,
PROCESSING_JOB_INTER_CONTAINER_ENCRYPTION_PATH,
PROCESSING_JOB_NETWORK_CONFIG_PATH,
PROCESSING_JOB_PROCESSING_RESOURCES_PATH,
PROCESSING_JOB_ROLE_ARN_PATH,
PROCESSING_OUTPUT_CONFIG_PATH,
SAGEMAKER,
Sequence,
```

```
    SESSION_DEFAULT_S3_BUCKET_PATH,
    SESSION_DEFAULT_S3_OBJECT_KEY_PREFIX_PATH,
    TAGS,
    Tags,
    TagsDict,
    TRAINING_JOB,
    TRAINING_JOB_ENABLE_NETWORK_ISOLATION_PATH,
    TRAINING_JOB_ENVIRONMENT_PATH,
    TRAINING_JOB_INTER_CONTAINER_ENCRYPTION_PATH,
    TRAINING_JOB_OUTPUT_DATA_CONFIG_PATH,
    TRAINING_JOB_PROFILE_CONFIG_PATH,
    TRAINING_JOB_RESOURCE_CONFIG_PATH,
    TRAINING_JOB_ROLE_ARN_PATH,
    TRAINING_JOB_VPC_CONFIG_PATH,
    TRANSFORM_JOB,
    TRANSFORM_JOB_ENVIRONMENT_PATH,
    TRANSFORM_JOB_KMS_KEY_ID_PATH,
    TRANSFORM_JOB_VOLUME_KMS_KEY_ID_PATH,
    TRANSFORM_OUTPUT_KMS_KEY_ID_PATH,
    VALIDATION_PROFILES,
    VALIDATION_ROLE,
    VOLUME_KMS_KEY_ID
]
```

Import statements

 # Classes
```
from sagemaker.session import Any
from sagemaker.session import BatchDataCaptureConfig
from sagemaker.session import ClientError
from sagemaker.session import EndpointType
from sagemaker.session import LogState
from sagemaker.session import s3_input
from sagemaker.session import Session
from sagemaker.session import SessionSettings
from sagemaker.session import ShuffleConfig
from sagemaker.session import TrainingInput
```
 # Functions
```
from sagemaker.session import can_model_package_source_uri_autopopulate
from sagemaker.session import container_def
from sagemaker.session import create_paginator_config
from sagemaker.session import deepcopy
from sagemaker.session import deprecated_class
from sagemaker.session import format_tags
from sagemaker.session import generate_default_sagemaker_bucket_name
from sagemaker.session import get_add_model_package_inference_args
from sagemaker.session import get_create_model_package_request
from sagemaker.session import get_execution_role
from sagemaker.session import get_log_events_for_inference_recommender
from sagemaker.session import get_model_package_args
from sagemaker.session import get_sagemaker_config_value
from sagemaker.session import get_update_model_package_inference_args
from sagemaker.session import get_user_agent_extra_suffix
from sagemaker.session import instance_supports_kms
from sagemaker.session import load_sagemaker_config
from sagemaker.session import name_from_image
from sagemaker.session import pipeline_container_def
from sagemaker.session import production_variant
from sagemaker.session import resolve_class_attribute_from_config
from sagemaker.session import resolve_nested_dict_value_from_config
from sagemaker.session import resolve_value_from_config
from sagemaker.session import retries
from sagemaker.session import secondary_training_status_changed
```

```
from sagemaker.session import secondary_training_status_message
from sagemaker.session import sts_regional_endpoint
from sagemaker.session import update_args
from sagemaker.session import update_list_of_dicts_with_values_from_config
from sagemaker.session import update_nested_dictionary_with_values_from_config
from sagemaker.session import validate_sagemaker_config
```
 # Sentinels / Constants / Objects
```
from sagemaker.session import absolute_import
from sagemaker.session import annotations
from sagemaker.session import AUTO_ML_JOB
from sagemaker.session import AUTO_ML_JOB_CONFIG_PATH
from sagemaker.session import AUTO_ML_JOB_V2
from sagemaker.session import AUTO_ML_OUTPUT_CONFIG_PATH
from sagemaker.session import AUTO_ML_ROLE_ARN_PATH
from sagemaker.session import AUTO_ML_V2_OUTPUT_CONFIG_PATH
from sagemaker.session import AUTO_ML_V2_ROLE_ARN_PATH
from sagemaker.session import COMPILATION_JOB
from sagemaker.session import COMPILATION_JOB_OUTPUT_CONFIG_PATH
from sagemaker.session import COMPILATION_JOB_ROLE_ARN_PATH
from sagemaker.session import COMPILATION_JOB_VPC_CONFIG_PATH
from sagemaker.session import DEFAULT_EP_POLL
from sagemaker.session import Dict
from sagemaker.session import EDGE_PACKAGING_JOB
from sagemaker.session import EDGE_PACKAGING_OUTPUT_CONFIG_PATH
from sagemaker.session import EDGE_PACKAGING_RESOURCE_KEY_PATH
from sagemaker.session import EDGE_PACKAGING_ROLE_ARN_PATH
from sagemaker.session import ENDPOINT
from sagemaker.session import ENDPOINT_CONFIG
from sagemaker.session import ENDPOINT_CONFIG_ASYNC_INFERENCE_PATH
from sagemaker.session import ENDPOINT_CONFIG_DATA_CAPTURE_PATH
from sagemaker.session import ENDPOINT_CONFIG_ENABLE_NETWORK_ISOLATION_PATH
from sagemaker.session import ENDPOINT_CONFIG_EXECUTION_ROLE_ARN_PATH
from sagemaker.session import ENDPOINT_CONFIG_KMS_KEY_ID_PATH
from sagemaker.session import ENDPOINT_CONFIG_PRODUCTION_VARIANTS_PATH
from sagemaker.session import ENDPOINT_CONFIG_VPC_CONFIG_PATH
from sagemaker.session import EP_LOGGER_POLL
from sagemaker.session import FEATURE_GROUP
from sagemaker.session import FEATURE_GROUP_OFFLINE_STORE_CONFIG_PATH
from sagemaker.session import FEATURE_GROUP_ONLINE_STORE_CONFIG_PATH
from sagemaker.session import FEATURE_GROUP_ROLE_ARN_PATH
from sagemaker.session import INFERENCE_COMPONENT
from sagemaker.session import KEY
from sagemaker.session import KMS_KEY_ID
from sagemaker.session import List
from sagemaker.session import LOGGER
from sagemaker.session import logger
from sagemaker.session import MODEL
from sagemaker.session import MODEL_CONTAINERS_PATH
from sagemaker.session import MODEL_ENABLE_NETWORK_ISOLATION_PATH
from sagemaker.session import MODEL_EXECUTION_ROLE_ARN_PATH
from sagemaker.session import MODEL_MONITOR_ONE_TIME_SCHEDULE
from sagemaker.session import MODEL_PACKAGE_INFERENCE_SPECIFICATION_CONTAINERS_PATH
from sagemaker.session import MODEL_PACKAGE_VALIDATION_PROFILES_PATH
from sagemaker.session import MODEL_PACKAGE_VALIDATION_ROLE_PATH
from sagemaker.session import MODEL_PRIMARY_CONTAINER_ENVIRONMENT_PATH
from sagemaker.session import MODEL_PRIMARY_CONTAINER_PATH
from sagemaker.session import MODEL_VPC_CONFIG_PATH
from sagemaker.session import MONITORING_JOB_ENVIRONMENT_PATH
from sagemaker.session import MONITORING_JOB_NETWORK_CONFIG_PATH
from sagemaker.session import MONITORING_JOB_OUTPUT_KMS_KEY_ID_PATH
from sagemaker.session import MONITORING_JOB_ROLE_ARN_PATH
from sagemaker.session import MONITORING_JOB_VOLUME_KMS_KEY_ID_PATH
```

```python
from sagemaker.session import MONITORING_SCHEDULE
from sagemaker.session import MONITORING_SCHEDULE_INTER_CONTAINER_ENCRYPTION_PATH
from sagemaker.session import NOTEBOOK_METADATA_FILE
from sagemaker.session import Optional
from sagemaker.session import print_function
from sagemaker.session import PROCESSING_JOB
from sagemaker.session import PROCESSING_JOB_ENVIRONMENT_PATH
from sagemaker.session import PROCESSING_JOB_INPUTS_PATH
from sagemaker.session import PROCESSING_JOB_INTER_CONTAINER_ENCRYPTION_PATH
from sagemaker.session import PROCESSING_JOB_NETWORK_CONFIG_PATH
from sagemaker.session import PROCESSING_JOB_PROCESSING_RESOURCES_PATH
from sagemaker.session import PROCESSING_JOB_ROLE_ARN_PATH
from sagemaker.session import PROCESSING_OUTPUT_CONFIG_PATH
from sagemaker.session import SAGEMAKER
from sagemaker.session import Sequence
from sagemaker.session import SESSION_DEFAULT_S3_BUCKET_PATH
from sagemaker.session import SESSION_DEFAULT_S3_OBJECT_KEY_PREFIX_PATH
from sagemaker.session import TAGS
from sagemaker.session import Tags
from sagemaker.session import TagsDict
from sagemaker.session import TRAINING_JOB
from sagemaker.session import TRAINING_JOB_ENABLE_NETWORK_ISOLATION_PATH
from sagemaker.session import TRAINING_JOB_ENVIRONMENT_PATH
from sagemaker.session import TRAINING_JOB_INTER_CONTAINER_ENCRYPTION_PATH
from sagemaker.session import TRAINING_JOB_OUTPUT_DATA_CONFIG_PATH
from sagemaker.session import TRAINING_JOB_PROFILE_CONFIG_PATH
from sagemaker.session import TRAINING_JOB_RESOURCE_CONFIG_PATH
from sagemaker.session import TRAINING_JOB_ROLE_ARN_PATH
from sagemaker.session import TRAINING_JOB_VPC_CONFIG_PATH
from sagemaker.session import TRANSFORM_JOB
from sagemaker.session import TRANSFORM_JOB_ENVIRONMENT_PATH
from sagemaker.session import TRANSFORM_JOB_KMS_KEY_ID_PATH
from sagemaker.session import TRANSFORM_JOB_VOLUME_KMS_KEY_ID_PATH
from sagemaker.session import TRANSFORM_OUTPUT_KMS_KEY_ID_PATH
from sagemaker.session import VALIDATION_PROFILES
from sagemaker.session import VALIDATION_ROLE
from sagemaker.session import VOLUME_KMS_KEY_ID
```

sagemaker.session_settings

Classes

```
[
  SessionSettings
]
```

Functions

```
[]
```

Sentinels / Constants / Objects

```
[
  absolute_import
]
```

Import statements

 # Classes
```
from sagemaker.session_settings import SessionSettings
```
 # Functions
```
(none)
```
 # Sentinels / Constants / Objects
```
from sagemaker.session_settings import absolute_import
```

sagemaker.sklearn

Classes

```
[
    SKLearn,
    SKLearnModel,
    SKLearnPredictor,
    SKLearnProcessor
]
```

Functions

```
[]
```

Sentinels / Constants / Objects

```
[
    absolute_import
]
```

Import statements

 # Classes
```
from sagemaker.sklearn import SKLearn
from sagemaker.sklearn import SKLearnModel
from sagemaker.sklearn import SKLearnPredictor
from sagemaker.sklearn import SKLearnProcessor
```
 # Functions
```
(none)
```
 # Sentinels / Constants / Objects
```
from sagemaker.sklearn import absolute_import
```

sagemaker.spark

Classes

```
[
  PySparkProcessor,
  SparkJarProcessor
]
```

Functions

```
[]
```

Sentinels / Constants / Objects

```
[
  absolute_import
]
```

Import statements

 # Classes
```
from sagemaker.spark import PySparkProcessor
from sagemaker.spark import SparkJarProcessor
```
 # Functions
```
(none)
```
 # Sentinels / Constants / Objects
```
from sagemaker.spark import absolute_import
```

sagemaker.sparkml

Classes

```
[
    SparkMLModel,
    SparkMLPredictor
]
```

Functions

```
[]
```

Sentinels / Constants / Objects

```
[
    absolute_import
]
```

Import statements

 # Classes
```
from sagemaker.sparkml import SparkMLModel
from sagemaker.sparkml import SparkMLPredictor
```
 # Functions
```
(none)
```
 # Sentinels / Constants / Objects
```
from sagemaker.sparkml import absolute_import
```

sagemaker.stabilityai

Classes

[ ]

Functions

```
[
  get_stabilityai_image_uri
]
```

Sentinels / Constants / Objects

```
[
  absolute_import
]
```

Import statements

 # Classes
(none)
 # Functions
from sagemaker.stabilityai import get_stabilityai_image_uri
 # Sentinels / Constants / Objects
from sagemaker.stabilityai import absolute_import

sagemaker.telemetry

Classes

```
[]
```

Functions

```
[]
```

Sentinels / Constants / Objects

```
[
    absolute_import
]
```

Import statements

 # Classes
```
(none)
```
 # Functions
```
(none)
```
 # Sentinels / Constants / Objects
```
from sagemaker.telemetry import absolute_import
```

sagemaker.tensorflow

Classes

```
[
    TensorFlow,
    TensorFlowModel,
    TensorFlowPredictor,
    TensorFlowProcessor,
    TrainingCompilerConfig
]
```

Functions

```
[]
```

Sentinels / Constants / Objects

```
[
    absolute_import
]
```

Import statements

 # Classes
```
from sagemaker.tensorflow import TensorFlow
from sagemaker.tensorflow import TensorFlowModel
from sagemaker.tensorflow import TensorFlowPredictor
from sagemaker.tensorflow import TensorFlowProcessor
from sagemaker.tensorflow import TrainingCompilerConfig
```
 # Functions
```
(none)
```
 # Sentinels / Constants / Objects
```
from sagemaker.tensorflow import absolute_import
```

sagemaker.training_compiler

Classes

[ ]

Functions

[ ]

Sentinels / Constants / Objects

[ ]

Import statements

 # Classes
(none)
 # Functions
(none)
 # Sentinels / Constants / Objects
(none)

sagemaker.transformer

Classes

```
[
  BatchDataCaptureConfig,
  ExecutionVariables,
  Join,
  PipelineSession,
  PipelineVariable,
  Session,
  Transformer
]
```

Functions

```
[
  base_name_from_image,
  check_and_get_run_experiment_config,
  format_tags,
  get_execution_role,
  is_pipeline_variable,
  name_from_base,
  resolve_class_attribute_from_config,
  resolve_value_from_config,
  runnable_by_pipeline
]
```

Sentinels / Constants / Objects

```
[
  absolute_import,
  Dict,
  Optional,
  PIPELINE_ROLE_ARN_PATH,
  Tags,
  TRANSFORM_JOB_ENVIRONMENT_PATH,
  TRANSFORM_JOB_KMS_KEY_ID_PATH,
  TRANSFORM_OUTPUT_KMS_KEY_ID_PATH,
  TRANSFORM_RESOURCES_VOLUME_KMS_KEY_ID_PATH,
  Union
]
```

Import statements

 # Classes
```
from sagemaker.transformer import BatchDataCaptureConfig
from sagemaker.transformer import ExecutionVariables
from sagemaker.transformer import Join
from sagemaker.transformer import PipelineSession
from sagemaker.transformer import PipelineVariable
from sagemaker.transformer import Session
from sagemaker.transformer import Transformer
```
 # Functions
```
from sagemaker.transformer import base_name_from_image
from sagemaker.transformer import check_and_get_run_experiment_config
from sagemaker.transformer import format_tags
from sagemaker.transformer import get_execution_role
from sagemaker.transformer import is_pipeline_variable
from sagemaker.transformer import name_from_base
from sagemaker.transformer import resolve_class_attribute_from_config
from sagemaker.transformer import resolve_value_from_config
from sagemaker.transformer import runnable_by_pipeline
```
 # Sentinels / Constants / Objects
```
from sagemaker.transformer import absolute_import
```

```python
from sagemaker.transformer import Dict
from sagemaker.transformer import Optional
from sagemaker.transformer import PIPELINE_ROLE_ARN_PATH
from sagemaker.transformer import Tags
from sagemaker.transformer import TRANSFORM_JOB_ENVIRONMENT_PATH
from sagemaker.transformer import TRANSFORM_JOB_KMS_KEY_ID_PATH
from sagemaker.transformer import TRANSFORM_OUTPUT_KMS_KEY_ID_PATH
from sagemaker.transformer import TRANSFORM_RESOURCES_VOLUME_KMS_KEY_ID_PATH
from sagemaker.transformer import Union
```

sagemaker.tuner

Classes

```
[
  AmazonAlgorithmEstimatorBase,
  CategoricalParameter,
  ContinuousParameter,
  Enum,
  EstimatorBase,
  FileSystemInput,
  FileSystemRecordSet,
  Framework,
  hp,
  HyperbandStrategyConfig,
  HyperparameterTuner,
  HyperparameterTuningJobAnalytics,
  InstanceConfig,
  IntegerParameter,
  ParameterRange,
  PipelineVariable,
  RecordSet,
  Session,
  StrategyConfig,
  TrainingInput,
  TuningJobCompletionCriteriaConfig,
  WarmStartConfig,
  WarmStartTypes
]
```

Functions

```
[
  add_jumpstart_uri_tags,
  base_from_name,
  base_name_from_image,
  create_identical_dataset_and_algorithm_tuner,
  create_transfer_learning_tuner,
  format_tags,
  get_jumpstart_base_name_if_jumpstart_model,
  name_from_base,
  removed_function,
  runnable_by_pipeline,
  to_string
]
```

Sentinels / Constants / Objects

```
[
  absolute_import,
  AMAZON_ESTIMATOR_CLS_NAMES,
  AMAZON_ESTIMATOR_MODULE,
  BEST_OBJECTIVE_NOT_IMPROVING,
  COMPLETE_ON_CONVERGENCE_DETECTED,
  CONVERGENCE_DETECTED,
  Dict,
  GRID_SEARCH,
  HYPERBAND_MAX_RESOURCE,
  HYPERBAND_MIN_RESOURCE,
  HYPERBAND_STRATEGY_CONFIG,
  HYPERPARAMETER_TUNING_JOB_NAME,
  List,
  logger,
  MAX_NUMBER_OF_TRAINING_JOBS_NOT_IMPROVING,
```

```
    MAX_RUNTIME_IN_SECONDS,
    Optional,
    PARENT_HYPERPARAMETER_TUNING_JOBS,
    Set,
    Tags,
    TARGET_OBJECTIVE_METRIC_VALUE,
    Union,
    WARM_START_TYPE
]
```

Import statements

 # Classes
```
from sagemaker.tuner import AmazonAlgorithmEstimatorBase
from sagemaker.tuner import CategoricalParameter
from sagemaker.tuner import ContinuousParameter
from sagemaker.tuner import Enum
from sagemaker.tuner import EstimatorBase
from sagemaker.tuner import FileSystemInput
from sagemaker.tuner import FileSystemRecordSet
from sagemaker.tuner import Framework
from sagemaker.tuner import hp
from sagemaker.tuner import HyperbandStrategyConfig
from sagemaker.tuner import HyperparameterTuner
from sagemaker.tuner import HyperparameterTuningJobAnalytics
from sagemaker.tuner import InstanceConfig
from sagemaker.tuner import IntegerParameter
from sagemaker.tuner import ParameterRange
from sagemaker.tuner import PipelineVariable
from sagemaker.tuner import RecordSet
from sagemaker.tuner import Session
from sagemaker.tuner import StrategyConfig
from sagemaker.tuner import TrainingInput
from sagemaker.tuner import TuningJobCompletionCriteriaConfig
from sagemaker.tuner import WarmStartConfig
from sagemaker.tuner import WarmStartTypes
```
 # Functions
```
from sagemaker.tuner import add_jumpstart_uri_tags
from sagemaker.tuner import base_from_name
from sagemaker.tuner import base_name_from_image
from sagemaker.tuner import create_identical_dataset_and_algorithm_tuner
from sagemaker.tuner import create_transfer_learning_tuner
from sagemaker.tuner import format_tags
from sagemaker.tuner import get_jumpstart_base_name_if_jumpstart_model
from sagemaker.tuner import name_from_base
from sagemaker.tuner import removed_function
from sagemaker.tuner import runnable_by_pipeline
from sagemaker.tuner import to_string
```
 # Sentinels / Constants / Objects
```
from sagemaker.tuner import absolute_import
from sagemaker.tuner import AMAZON_ESTIMATOR_CLS_NAMES
from sagemaker.tuner import AMAZON_ESTIMATOR_MODULE
from sagemaker.tuner import BEST_OBJECTIVE_NOT_IMPROVING
from sagemaker.tuner import COMPLETE_ON_CONVERGENCE_DETECTED
from sagemaker.tuner import CONVERGENCE_DETECTED
from sagemaker.tuner import Dict
from sagemaker.tuner import GRID_SEARCH
from sagemaker.tuner import HYPERBAND_MAX_RESOURCE
from sagemaker.tuner import HYPERBAND_MIN_RESOURCE
from sagemaker.tuner import HYPERBAND_STRATEGY_CONFIG
from sagemaker.tuner import HYPERPARAMETER_TUNING_JOB_NAME
from sagemaker.tuner import List
from sagemaker.tuner import logger
```

```python
from sagemaker.tuner import MAX_NUMBER_OF_TRAINING_JOBS_NOT_IMPROVING
from sagemaker.tuner import MAX_RUNTIME_IN_SECONDS
from sagemaker.tuner import Optional
from sagemaker.tuner import PARENT_HYPERPARAMETER_TUNING_JOBS
from sagemaker.tuner import Set
from sagemaker.tuner import Tags
from sagemaker.tuner import TARGET_OBJECTIVE_METRIC_VALUE
from sagemaker.tuner import Union
from sagemaker.tuner import WARM_START_TYPE
```

sagemaker.user_agent

Classes

[ ]

Functions

[
   get_user_agent_extra_suffix,
   process_notebook_metadata_file,
   process_studio_metadata_file
]

Sentinels / Constants / Objects

[
   absolute_import,
   NOTEBOOK_METADATA_FILE,
   NOTEBOOK_PREFIX,
   SDK_PREFIX,
   SDK_VERSION,
   STUDIO_METADATA_FILE,
   STUDIO_PREFIX
]

Import statements

 # Classes
(none)
 # Functions
```
from sagemaker.user_agent import get_user_agent_extra_suffix
from sagemaker.user_agent import process_notebook_metadata_file
from sagemaker.user_agent import process_studio_metadata_file
```
 # Sentinels / Constants / Objects
```
from sagemaker.user_agent import absolute_import
from sagemaker.user_agent import NOTEBOOK_METADATA_FILE
from sagemaker.user_agent import NOTEBOOK_PREFIX
from sagemaker.user_agent import SDK_PREFIX
from sagemaker.user_agent import SDK_VERSION
from sagemaker.user_agent import STUDIO_METADATA_FILE
from sagemaker.user_agent import STUDIO_PREFIX
```

sagemaker.utilities

Classes

[ ]

Functions

[ ]

Sentinels / Constants / Objects

[ ]

Import statements

 # Classes
(none)
 # Functions
(none)
 # Sentinels / Constants / Objects
(none)

sagemaker.utils

Classes

```
[
    Any,
    DataConfig,
    datetime,
    DeferredError,
    PipelineVariable,
    RoutingStrategy,
    S3DataConfig,
    SessionSettings
]
```

Functions

```
[
    abspath,
    aws_partition,
    base_from_name,
    base_name_from_image,
    build_dict,
    camel_case_to_pascal_case,
    can_model_package_source_uri_autopopulate,
    check_and_get_run_experiment_config,
    construct_container_object,
    create_paginator_config,
    create_tar_file,
    custom_extractall_tarfile,
    deep_override_dict,
    dirname,
    download_file,
    download_file_from_url,
    download_folder,
    extract_instance_rate_per_hour,
    flatten_dict,
    format_tags,
    get_config_value,
    get_domain_for_region,
    get_ecr_image_uri_prefix,
    get_instance_type_family,
    get_module,
    get_nested_value,
    get_sagemaker_config_value,
    get_short_version,
    get_training_job_name_from_training_job_arn,
    import_module,
    instance_supports_kms,
    is_pipeline_parameter_string,
    is_pipeline_variable,
    joinpath,
    lru_cache,
    merge_dicts,
    name_from_base,
    name_from_image,
    nested_set_dict,
    normpath,
    pop_out_unused_kwarg,
    realpath,
    remove_tag_with_key,
    repack_model,
    resolve_class_attribute_from_config,
```

```
    resolve_nested_dict_value_from_config,
    resolve_value_from_config,
    retries,
    retry_with_backoff,
    sagemaker_short_timestamp,
    sagemaker_timestamp,
    secondary_training_status_changed,
    secondary_training_status_message,
    set_nested_value,
    stringify_object,
    sts_regional_endpoint,
    tag_exists,
    to_string,
    unflatten_dict,
    unique_name_from_base,
    unique_name_from_base_uuid4,
    update_container_with_inference_params,
    update_list_of_dicts_with_values_from_config,
    update_nested_dictionary_with_values_from_config,
    validate_sagemaker_config,
    volume_size_supported
]
```

Sentinels / Constants / Objects

```
[
    absolute_import,
    ALTERNATE_DOMAINS,
    DEFAULT_SLEEP_TIME_SECONDS,
    Dict,
    ECR_URI_PATTERN,
    get_instance_rate_per_hour,
    HTTP_PREFIX,
    HTTPS_PREFIX,
    List,
    logger,
    MAX_BUCKET_PATHS_COUNT,
    MAX_ITEMS,
    MODEL_ARN_PATTERN,
    MODEL_PACKAGE_ARN_PATTERN,
    Optional,
    PAGE_SIZE,
    S3_PREFIX,
    Tags,
    TagsDict,
    Union,
    viewitems,
    WAITING_DOT_NUMBER
]
```

Import statements

 # Classes
```
from sagemaker.utils import Any
from sagemaker.utils import DataConfig
from sagemaker.utils import datetime
from sagemaker.utils import DeferredError
from sagemaker.utils import PipelineVariable
from sagemaker.utils import RoutingStrategy
from sagemaker.utils import S3DataConfig
from sagemaker.utils import SessionSettings
```
 # Functions
```
from sagemaker.utils import abspath
from sagemaker.utils import aws_partition
```

```
from sagemaker.utils import base_from_name
from sagemaker.utils import base_name_from_image
from sagemaker.utils import build_dict
from sagemaker.utils import camel_case_to_pascal_case
from sagemaker.utils import can_model_package_source_uri_autopopulate
from sagemaker.utils import check_and_get_run_experiment_config
from sagemaker.utils import construct_container_object
from sagemaker.utils import create_paginator_config
from sagemaker.utils import create_tar_file
from sagemaker.utils import custom_extractall_tarfile
from sagemaker.utils import deep_override_dict
from sagemaker.utils import dirname
from sagemaker.utils import download_file
from sagemaker.utils import download_file_from_url
from sagemaker.utils import download_folder
from sagemaker.utils import extract_instance_rate_per_hour
from sagemaker.utils import flatten_dict
from sagemaker.utils import format_tags
from sagemaker.utils import get_config_value
from sagemaker.utils import get_domain_for_region
from sagemaker.utils import get_ecr_image_uri_prefix
from sagemaker.utils import get_instance_type_family
from sagemaker.utils import get_module
from sagemaker.utils import get_nested_value
from sagemaker.utils import get_sagemaker_config_value
from sagemaker.utils import get_short_version
from sagemaker.utils import get_training_job_name_from_training_job_arn
from sagemaker.utils import import_module
from sagemaker.utils import instance_supports_kms
from sagemaker.utils import is_pipeline_parameter_string
from sagemaker.utils import is_pipeline_variable
from sagemaker.utils import joinpath
from sagemaker.utils import lru_cache
from sagemaker.utils import merge_dicts
from sagemaker.utils import name_from_base
from sagemaker.utils import name_from_image
from sagemaker.utils import nested_set_dict
from sagemaker.utils import normpath
from sagemaker.utils import pop_out_unused_kwarg
from sagemaker.utils import realpath
from sagemaker.utils import remove_tag_with_key
from sagemaker.utils import repack_model
from sagemaker.utils import resolve_class_attribute_from_config
from sagemaker.utils import resolve_nested_dict_value_from_config
from sagemaker.utils import resolve_value_from_config
from sagemaker.utils import retries
from sagemaker.utils import retry_with_backoff
from sagemaker.utils import sagemaker_short_timestamp
from sagemaker.utils import sagemaker_timestamp
from sagemaker.utils import secondary_training_status_changed
from sagemaker.utils import secondary_training_status_message
from sagemaker.utils import set_nested_value
from sagemaker.utils import stringify_object
from sagemaker.utils import sts_regional_endpoint
from sagemaker.utils import tag_exists
from sagemaker.utils import to_string
from sagemaker.utils import unflatten_dict
from sagemaker.utils import unique_name_from_base
from sagemaker.utils import unique_name_from_base_uuid4
from sagemaker.utils import update_container_with_inference_params
from sagemaker.utils import update_list_of_dicts_with_values_from_config
from sagemaker.utils import update_nested_dictionary_with_values_from_config
```

```
from sagemaker.utils import validate_sagemaker_config
from sagemaker.utils import volume_size_supported
```
Sentinels / Constants / Objects
```
from sagemaker.utils import absolute_import
from sagemaker.utils import ALTERNATE_DOMAINS
from sagemaker.utils import DEFAULT_SLEEP_TIME_SECONDS
from sagemaker.utils import Dict
from sagemaker.utils import ECR_URI_PATTERN
from sagemaker.utils import get_instance_rate_per_hour
from sagemaker.utils import HTTP_PREFIX
from sagemaker.utils import HTTPS_PREFIX
from sagemaker.utils import List
from sagemaker.utils import logger
from sagemaker.utils import MAX_BUCKET_PATHS_COUNT
from sagemaker.utils import MAX_ITEMS
from sagemaker.utils import MODEL_ARN_PATTERN
from sagemaker.utils import MODEL_PACKAGE_ARN_PATTERN
from sagemaker.utils import Optional
from sagemaker.utils import PAGE_SIZE
from sagemaker.utils import S3_PREFIX
from sagemaker.utils import Tags
from sagemaker.utils import TagsDict
from sagemaker.utils import Union
from sagemaker.utils import viewitems
from sagemaker.utils import WAITING_DOT_NUMBER
```

sagemaker.vpc_utils

Classes

```
[]
```

Functions

```
[
  from_dict,
  sanitize,
  to_dict
]
```

Sentinels / Constants / Objects

```
[
  absolute_import,
  SECURITY_GROUP_IDS_KEY,
  SUBNETS_KEY,
  VPC_CONFIG_DEFAULT,
  VPC_CONFIG_KEY
]
```

Import statements

 # Classes
```
(none)
```
 # Functions
```
from sagemaker.vpc_utils import from_dict
from sagemaker.vpc_utils import sanitize
from sagemaker.vpc_utils import to_dict
```
 # Sentinels / Constants / Objects
```
from sagemaker.vpc_utils import absolute_import
from sagemaker.vpc_utils import SECURITY_GROUP_IDS_KEY
from sagemaker.vpc_utils import SUBNETS_KEY
from sagemaker.vpc_utils import VPC_CONFIG_DEFAULT
from sagemaker.vpc_utils import VPC_CONFIG_KEY
```

sagemaker.workflow

Classes

```
[
  Expression,
  ParameterString
]
```

Functions

```
[
  is_pipeline_parameter_string,
  is_pipeline_variable
]
```

Sentinels / Constants / Objects

```
[
  absolute_import
]
```

Import statements

 # Classes
```
from sagemaker.workflow import Expression
from sagemaker.workflow import ParameterString
```
 # Functions
```
from sagemaker.workflow import is_pipeline_parameter_string
from sagemaker.workflow import is_pipeline_variable
```
 # Sentinels / Constants / Objects
```
from sagemaker.workflow import absolute_import
```

sagemaker.wrangler

Classes

[ ]

Functions

[ ]

Sentinels / Constants / Objects

[ ]

Import statements

 # Classes
(none)
 # Functions
(none)
 # Sentinels / Constants / Objects
(none)

sagemaker.xgboost

Classes

```
[
  XGBoost,
  XGBoostModel,
  XGBoostPredictor,
  XGBoostProcessor
]
```

Functions

```
[]
```

Sentinels / Constants / Objects

```
[
  absolute_import,
  XGBOOST_NAME
]
```

Import statements

 # Classes
```
from sagemaker.xgboost import XGBoost
from sagemaker.xgboost import XGBoostModel
from sagemaker.xgboost import XGBoostPredictor
from sagemaker.xgboost import XGBoostProcessor
```
 # Functions
```
(none)
```
 # Sentinels / Constants / Objects
```
from sagemaker.xgboost import absolute_import
from sagemaker.xgboost import XGBOOST_NAME
```

Modules that failed to import

sagemaker.amtviz

```
NoRegionError('You must specify a region.')
```