Tool Metadata Report (by MetadataFetcher) 1. General Information

Name	tensorflow
Use Case	AI/ML Development Tools
Homepage	https://www.tensorflow.org/
Description	TensorFlow is a software library for machine learning and artificial intelligence. It can be used
	across a range of tasks, but is used mainly for training and inference of neural networks. It is
	one of the most popular deep learning frameworks, alongside others such as PyTorch. It is free
	and open-source software released under the Apache License 2.0.

2. Documentation

Main Documentation	https://www.tensorflow.org/install
Top Documentation Links	https://www.tensorflow.org/install
	https://www.tensorflow.org/guide
	https://www.tensorflow.org/lite/api_docs

3. Installation

Installation Links	https://www.tensorflow.org/install
	https://colab.research.google.com/github/tensorflow/docs/blob/master/site/en/tutorials/quic
	kstart/beginner.ipynb
	https://www.tensorflow.org/install/pip
	https://www.tensorflow.org/install/docker
	https://www.tensorflow.org/install/gpu plugins
	https://www.tensorflow.org/install/errors
	https://www.tensorflow.org/install/source
	https://www.tensorflow.org/install/source windows
	https://www.tensorflow.org/jvm/install
	https://www.tensorflow.org/install/lang_java_legacy
	https://www.tensorflow.org/install/lang_c
	https://github.com/tensorflow/build/tree/master/golang_install_guide
	https://docs.docker.com/install/
	https://accounts.google.com/ServiceLogin?passive=true&continue=https%3A%2F%2Fcola
	b.research.google.com%2Fgithub%2Ftensorflow%2Fdocs%2Fblob%2Fmaster%2Fsite%2F
	en%2Ftutorials%2Fquickstart%2Fbeginner.ipynb&ec=GAZAqQM
Installation Summa	
ry	pip:
	Command: pip installupgrade pip
	Explanation: Install a Python package using pip.
	Note: Run in your terminal or command prompt.
	When to use: Use to upgrade to the latest version.
	pip:
	Command: pip install tensorflow
	Explanation: Install a Python package using pip.
	Note: Run in your terminal or command prompt.
	When to use: General pip install command.
	pip:
	Command: pip install tensorflow[and-cuda]
	Explanation: Install a Python package using pip.
	Note: Run in your terminal or command prompt.
	When to use: General pip install command.
	pip:
	Command: pip install tf-nightly
	Explanation: Install a Python package using pip.
	Note: Run in your terminal or command prompt.
	When to use: General pip install command.
	pip:

Command: pip install guide

Explanation: Install a Python package using pip. Note: Run in your terminal or command prompt. When to use: General pip install command.

from source:

Command: git clone https://github.com/tensorflow/tensorflow.git

Explanation: Clone a repository using git.

Note: Run in your terminal.

docker:

Command: docker run -it -p 8888:8888 tensorflow/tensorflow:latest-jupyter # Start

Jupyter server

Explanation: Docker command.

Note: Run in your terminal with Docker installed.

Platform: any

docker:

Command: docker run -it tensorflow/tensorflow bash

Explanation: Docker command.

Note: Run in your terminal with Docker installed.

Platform: any

docker:

Command: docker run -it -p 8888:8888 tensorflow/tensorflow:nightly-jupyter

Explanation: Docker command.

Note: Run in your terminal with Docker installed.

Platform: any

docker:

Command: docker run --rm --runtime=nvidia --gpus all ubuntu nvidia-smi

Explanation: Docker command.

Note: Run in your terminal with Docker installed.

Platform: any

docker:

Command: docker run --gpus all -it tensorflow/tensorflow:latest-gpu bash

Explanation: Docker command.

Note: Run in your terminal with Docker installed.

Platform: any

docker:

Command: docker run [-it] [--rm] [-p

Platform: any

docker:

Command: docker run reference

Platform: any docker:

Command: docker run

Explanation: Docker command.

Note: Run in your terminal with Docker installed.

Platform: any **docker compose:**

Command: Docker Compose

Platform: any

other:

Command: https://storage.googleapis.com/tensorflow/libtensorflow_jni-cpu-linux-x86 64-2.4.0.tar.gz

Explanation: Direct download link for an installer or archive.

Note: Download and follow platform-specific install instructions.

other:

Command: https://storage.googleapis.com/tensorflow/libtensorflow_jni-

gpu-linux-x86 64-2.4.0.tar.gz

Explanation: Direct download link for an installer or archive.

Note: Download and follow platform-specific install instructions.

other:

Command: https://storage.googleapis.com/tensorflow/libtensorflow_jnicpu-darwin-x86 64-2.4.0.tar.gz

Explanation: Direct download link for an installer or archive.

Note: Download and follow platform-specific install instructions.

other:

Command: https://storage.googleapis.com/tensorflow/libtensorflow_jnicpu-windows-x86 64-2.4.0.zip

Explanation: Direct download link for an installer or archive.

Note: Download and follow platform-specific install instructions.

other:

Command: https://storage.googleapis.com/tensorflow/libtensorflow_jni-gpu-windows-x86 64-2.4.0.zip

Explanation: Direct download link for an installer or archive.

Note: Download and follow platform-specific install instructions.

other:

Command: https://storage.googleapis.com/tensorflow/versions/2.18.0/libtensorflow-cpu-linux-x86 64.tar.gz

Explanation: Direct download link for an installer or archive.

Note: Download and follow platform-specific install instructions.

other:

Command: https://storage.googleapis.com/tensorflow/versions/2.18.0/libtensorflow-gpu-linux-x86 64.tar.gz

Explanation: Direct download link for an installer or archive.

Note: Download and follow platform-specific install instructions.

other:

 $Command: https://storage.googleap is.com/tensorflow/versions/2.16.2/libtensorflow-cpudarwin-x86_64.tar.gz$

Explanation: Direct download link for an installer or archive.

Note: Download and follow platform-specific install instructions.

other:

Command: https://storage.googleapis.com/tensorflow/versions/2.18.0/libtensorflow-cpudarwin-arm64.tar.gz

Explanation: Direct download link for an installer or archive.

Note: Download and follow platform-specific install instructions.

other:

Command: https://storage.googleapis.com/tensorflow/versions/2.18.1/libtensorflow-cpu-windows-x86 64.zip

Explanation: Direct download link for an installer or archive.

Note: Download and follow platform-specific install instructions.

other:

Command: https://storage.googleapis.com/tensorflow/libtensorflow/libtensorflow-gpu-windows-x86 64-2.10.0.zip

Explanation: Direct download link for an installer or archive.

Note: Download and follow platform-specific install instructions.

4. Other Links

All Documentation Links:

https://www.tensorflow.org/install

https://www.tensorflow.org/guide

https://www.tensorflow.org/lite/api docs

https://www.tensorflow.org/tfx/api docs

https://www.tensorflow.org/community/contribute

https://colab.research.google.com/github/tensorflow/docs/blob/master/site/en/tutorials/quickstart/beginner.ipynb https://www.tensorflow.org/guide/data https://www.tensorflow.org/guide/keras https://www.tensorflow.org/extras/tensorflow brand guidelines.pdf https://www.tensorflow.org/install/pip https://www.tensorflow.org/install/docker https://www.tensorflow.org/install/gpu plugins https://www.tensorflow.org/install/errors https://www.tensorflow.org/install/source https://www.tensorflow.org/install/source windows https://www.tensorflow.org/jvm/install https://www.tensorflow.org/install/lang_java_legacy https://www.tensorflow.org/install/lang c https://github.com/tensorflow/build/tree/master/golang install guide https://docs.docker.com/install/ https://www.tensorflow.org/guide/migrate https://github.com/tensorflow/docs/tree/master/site/en/r1 https://www.tensorflow.org/guide/basics https://www.tensorflow.org/guide/tensor https://www.tensorflow.org/guide/variable https://www.tensorflow.org/guide/autodiff https://www.tensorflow.org/guide/intro to graphs https://www.tensorflow.org/guide/intro to modules https://www.tensorflow.org/guide/basic training loops https://www.tensorflow.org/guide/keras/sequential model https://www.tensorflow.org/guide/keras/functional api https://www.tensorflow.org/guide/keras/training with built in methods https://www.tensorflow.org/guide/keras/making new layers and models via subclassing https://www.tensorflow.org/guide/keras/serialization and saving https://www.tensorflow.org/guide/keras/customizing saving and serialization https://www.tensorflow.org/guide/keras/preprocessing layers https://www.tensorflow.org/guide/keras/customizing what happens in fit https://www.tensorflow.org/guide/keras/writing a training loop from scratch https://www.tensorflow.org/guide/keras/working with rnns https://www.tensorflow.org/guide/keras/understanding masking and padding https://www.tensorflow.org/guide/keras/writing vour own callbacks https://www.tensorflow.org/guide/keras/transfer learning https://www.tensorflow.org/guide/keras/distributed training https://www.tensorflow.org/guide/core https://www.tensorflow.org/guide/core/quickstart core https://www.tensorflow.org/guide/core/logistic regression core https://www.tensorflow.org/guide/core/mlp core https://www.tensorflow.org/guide/core/matrix core https://www.tensorflow.org/guide/core/optimizers core https://www.tensorflow.org/guide/core/distribution https://www.tensorflow.org/guide/tensor slicing https://www.tensorflow.org/guide/advanced autodiff https://www.tensorflow.org/guide/ragged tensor https://www.tensorflow.org/guide/sparse tensor https://www.tensorflow.org/guide/random numbers https://www.tensorflow.org/guide/tf numpy https://www.tensorflow.org/guide/tf numpy type promotion https://www.tensorflow.org/guide/dtensor overview https://www.tensorflow.org/guide/effective tf2 https://www.tensorflow.org/guide/create op

https://www.tensorflow.org/guide/extension_type

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https://www.tensorflow.org/guide/data performance
https://www.tensorflow.org/guide/data performance analysis
https://www.tensorflow.org/guide/checkpoint
https://www.tensorflow.org/guide/saved model
https://www.tensorflow.org/guide/jax2tf
https://www.tensorflow.org/guide/distributed training
https://www.tensorflow.org/guide/gpu
https://www.tensorflow.org/guide/tpu
https://www.tensorflow.org/guide/function
https://www.tensorflow.org/guide/profiler
https://www.tensorflow.org/guide/gpu performance analysis
https://www.tensorflow.org/guide/graph optimization
https://www.tensorflow.org/guide/mixed precision
https://www.tensorflow.org/guide/estimator
https://www.tensorflow.org/guide/versions
https://www.tensorflow.org/guide/keras/overview
https://www.tensorflow.org/guide/eager
https://www.tensorflow.org/tfx/guide/serving
https://www.tensorflow.org/tfx/guide
https://www.tensorflow.org/tfx/api docs/python/tfx/v1
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/components
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/components/BulkInferrer
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/components/CsvExampleGen
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/components/DataAccessor
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/components/Evaluator
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/components/ExampleDiff
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/components/ExampleValidator
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/components/FnArgs
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/components/ImportExampleGen
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/components/ImportSchemaGen
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/components/InfraValidator
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/components/Pusher
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/components/SchemaGen
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/components/StatisticsGen
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/components/Trainer
https://www.tensorflow.org/tfx/api_docs/pvthon/tfx/v1/components/Transform
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/components/Tuner
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/components/TunerFnResult
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/dsl
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/dsl/Artifact
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/dsl/Channel
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/dsl/Cond
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/dsl/ExecutionMode
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/dsl/Importer
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/dsl/Pipeline
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/dsl/Resolver
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/dsl/components
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/dsl/components/AsyncOutputArtifact
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/dsl/components/BeamComponentParameter
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/dsl/components/InputArtifact
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/dsl/components/OutputArtifact
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/dsl/components/OutputDict
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/dsl/components/Parameter
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/dsl/components/component
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/dsl/experimental
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/dsl/experimental/LatestArtifactStrategy
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https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/dsl/experimental/LatestBlessedModelStrategy
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/dsl/experimental/ResolverStrategy
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/dsl/experimental/RuntimeParameter
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/dsl/experimental/SpanRangeStrategy
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/dsl/experimental/create container component
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/dsl/io
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/dsl/io/fileio
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/dsl/io/fileio/NotFoundError
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/dsl/io/fileio/PathType
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/dsl/io/fileio/copy
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/dsl/io/fileio/exists
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/dsl/io/fileio/glob
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/dsl/io/fileio/isdir
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https://www.tensorflow.org/tfx/api docs/python/tfx/v1/dsl/io/fileio/makedirs
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/dsl/io/fileio/mkdir
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/dsl/io/fileio/open
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/dsl/io/fileio/remove
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/dsl/io/fileio/rename
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/dsl/io/fileio/rmtree
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/dsl/io/fileio/stat
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/dsl/io/fileio/walk
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/dsl/placeholders
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/dsl/placeholders/exec property
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/dsl/placeholders/execution invocation
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/dsl/placeholders/input
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/dsl/placeholders/output
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/extensions
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/extensions/google cloud ai platform
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/extensions/google_cloud_ai_platform/BulkInferrer
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/extensions/google cloud ai platform/Pusher
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/extensions/google cloud ai platform/Trainer
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/extensions/google_cloud_ai_platform/Tuner
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/extensions/google cloud ai platform/experimental
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/extensions/google_cloud_big_query
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/extensions/google_cloud_big_query/BigQueryExampleGen
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/extensions/google_cloud_big_query/Pusher
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/orchestration
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/orchestration/LocalDagRunner
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/orchestration/experimental
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/orchestration/experimental/FinalStatusStr
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/orchestration/experimental/KubeflowDagRunner
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/orchestration/experimental/KubeflowDagRunnerConfig
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/orchestration/experimental/KubeflowV2DagRunner
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/orchestration/experimental/KubeflowV2DagRunnerConfig
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/orchestration/experimental/exit_handler
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https://www.tensorflow.org/tfx/api docs/python/tfx/v1/orchestration/metadata
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https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/orchestration/metadata/mysql_metadata_connection_config
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/orchestration/metadata/sqlite metadata connection config
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/proto
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/proto/ClassifyOutput
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/proto/CustomConfig
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/proto/DataSpec
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https://www.tensorflow.org/tfx/api docs/python/tfx/v1/proto/DistributionValidatorConfig
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/proto/EnvVar
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/proto/EnvVarSource
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/proto/EvalArgs
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/proto/ExampleDiffConfig
https://www.tensorflow.org/tfx/api_docs/pvthon/tfx/v1/proto/FeatureComparator
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/proto/FeatureSlicingSpec
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/proto/Filesystem
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/proto/Input
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/proto/KubernetesConfig
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/proto/LocalDockerConfig
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/proto/ModelSpec
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/proto/Output
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/proto/OutputColumnsSpec
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/proto/OutputExampleSpec
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https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/proto/PushDestination
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https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/proto/RollingRange
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https://www.tensorflow.org/tfx/api docs/python/tfx/v1/proto/ServingSpec
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/proto/SingleSlicingSpec
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/proto/SplitConfig
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/proto/SplitsConfig
https://www.tensorflow.org/tfx/api_docs/pvthon/tfx/v1/proto/StaticRange
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/proto/TensorFlowServing
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/proto/TensorFlowServingRequestSpec
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/proto/TrainArgs
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/proto/TuneArgs
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/proto/ValidationSpec
https://www.tensorflow.org/tfx/api_docs/pvthon/tfx/v1/proto/orchestration
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/proto/orchestration/RunState
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/testing
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/testing/Channel
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/types
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/types/BaseBeamComponent
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/types/BaseChannel
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/types/BaseComponent
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/types/BaseComponent/DRIVER_CLASS
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/types/BaseFunctionalComponent
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/types/BaseFunctionalComponentFactory
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/types/BaseNode
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/types/standard artifacts
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/types/standard artifacts/Boolean
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/types/standard artifacts/Bytes
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/types/standard artifacts/ExampleAnomalies
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/types/standard artifacts/ExampleStatistics
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/types/standard_artifacts/ExampleStatistics/TYPE_ANNOTATIO
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/types/standard artifacts/Examples
https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/types/standard_artifacts/Examples/TYPE_ANNOTATION
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https://www.tensorflow.org/tfx/api docs/python/tfx/v1/types/standard artifacts/Float
https://www.tensorflow.org/tfx/api docs/python/tfx/v1/types/standard artifacts/HyperParameters
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https://www.tensorflow.org/tfx/api_docs/python/tfx/v1/types/standard artifacts/InfraBlessing
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/ThresholdConfig
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https://www.tensorflow.org/api_docs/python/tf/data/TFRecordDataset
https://www.tensorflow.org/api docs/python/tf/data/Dataset#map
https://www.tensorflow.org/api docs/python/tf/data/Dataset#batch
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https://www.tensorflow.org/api docs/python/tf/TypeSpec

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https://www.tensorflow.org/api_docs/python/tf/stack

https://www.tensorflow.org/api_docs/python/tf/data/Dataset#element_spec

https://www.tensorflow.org/api_docs/python/tf/data/Dataset#filter

https://www.tensorflow.org/api_docs/python/tf/constant

https://www.tensorflow.org/api_docs/python/tf/data/Dataset#from_generator

https://www.tensorflow.org/api docs/python/tf/Graph

https://www.tensorflow.org/api docs/python/tf/data/Dataset#padded batch

https://www.tensorflow.org/api_docs/python/tf/keras/preprocessing/image/ImageDataGenerator

https://www.tensorflow.org/api docs/python/tf/train/Example

https://www.tensorflow.org/api docs/python/tf/data/TextLineDataset

https://www.tensorflow.org/api_docs/python/tf/data/Dataset#interleave

https://www.tensorflow.org/api docs/python/tf/data/Dataset#skip

https://www.tensorflow.org/api_docs/python/tf/data/experimental/make_csv_dataset

https://www.tensorflow.org/api_docs/python/tf/data/experimental/CsvDataset

https://www.tensorflow.org/api docs/python/tf/io/read file

https://www.tensorflow.org/api_docs/python/tf/data/Dataset#repeat

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https://www.tensorflow.org/api_docs/python/tf/image/rot90

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https://www.tensorflow.org/api docs/python/tf/data/Dataset#prefetch

https://www.tensorflow.org/api docs/python/tf/train/Checkpoint

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https://www.tensorflow.org/api docs/python/tf/keras/Model#fit

https://www.tensorflow.org/api_docs/python/tf/keras/Model#evaluate

https://www.tensorflow.org/api docs/python/tf/keras/Model#predict

https://www.tensorflow.org/guide/core#core api applications

https://www.tensorflow.org/api docs/python/tf/keras/callbacks

https://www.tensorflow.org/guide/keras/functional

https://www.tensorflow.org/guide/keras/custom layers and models

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https://www.tensorflow.org/guide/keras/rnn

https://www.tensorflow.org/guide/keras/masking and padding

https://www.tensorflow.org/guide/keras/custom callback

All Installation Links:

https://www.tensorflow.org/install

https://colab.research.google.com/github/tensorflow/docs/blob/master/site/en/tutorials/quickstart/beginner.jpvnb

https://www.tensorflow.org/install/pip

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https://docs.docker.com/install/

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