

Datasets

The datasets documented here are from HEAD and so not all are available in the current tensorflow-datasets ge. They are all accessible in our nightly package tfds-nightly.

Usage

See our [getting-started guide](https://www.tensorflow.org/datasets/overview) (https://www.tensorflow.org/datasets/overview) for a quick introduction.

```
for ex in tfds.load('cifar10', split='train'):  
    ...
```

All Datasets

Audio

- [common_voice](/datasets/catalog/common_voice) (/datasets/catalog/common_voice)
- [crema_d](/datasets/catalog/crema_d) (/datasets/catalog/crema_d)
- [dementiabank](/datasets/catalog/dementiabank) (/datasets/catalog/dementiabank)
- [fuss](/datasets/catalog/fuss) (/datasets/catalog/fuss)
- [groove](/datasets/catalog/groove) (/datasets/catalog/groove)
- [librispeech](/datasets/catalog/librispeech) (/datasets/catalog/librispeech)
- [libritts](/datasets/catalog/libritts) (/datasets/catalog/libritts)
- [ljspeech](/datasets/catalog/ljspeech) (/datasets/catalog/ljspeech)
- [nsynth](/datasets/catalog/nsynth) (/datasets/catalog/nsynth)
- [savee](/datasets/catalog/savee) (/datasets/catalog/savee)
- [speech_commands](/datasets/catalog/speech_commands) (/datasets/catalog/speech_commands)
- [tedlium](/datasets/catalog/tedlium) (/datasets/catalog/tedlium)
- [vctk](/datasets/catalog/vctk) (/datasets/catalog/vctk)
- [voxceleb](/datasets/catalog/voxceleb) (/datasets/catalog/voxceleb)

- [voxforge](/datasets/catalog/voxforge) (/datasets/catalog/voxforge)

Image


- [abstract_reasoning](/datasets/catalog/abstract_reasoning) (/datasets/catalog/abstract_reasoning)
- [aflw2k3d](/datasets/catalog/aflw2k3d) (/datasets/catalog/aflw2k3d)
- [arc](/datasets/catalog/arc) (/datasets/catalog/arc)
- [binarized_mnist](/datasets/catalog/binarized_mnist) (/datasets/catalog/binarized_mnist)
- [celeb_a](/datasets/catalog/celeb_a) (/datasets/catalog/celeb_a)
- [celeb_a_hq](/datasets/catalog/celeb_a_hq) (/datasets/catalog/celeb_a_hq)
- [clevr](/datasets/catalog/clevr) (/datasets/catalog/clevr)
- [clic](/datasets/catalog/clic) (/datasets/catalog/clic) 
- [coil100](/datasets/catalog/coil100) (/datasets/catalog/coil100)
- [div2k](/datasets/catalog/div2k) (/datasets/catalog/div2k)
- [downsampled_imagenet](/datasets/catalog/downsampled_imagenet) (/datasets/catalog/downsampled_imagenet)
- [dsprites](/datasets/catalog/dsprites) (/datasets/catalog/dsprites)
- [duke_ultrasound](/datasets/catalog/duke_ultrasound) (/datasets/catalog/duke_ultrasound)
- [flic](/datasets/catalog/flic) (/datasets/catalog/flic)
- [lost_and_found](/datasets/catalog/lost_and_found) (/datasets/catalog/lost_and_found)
- [lsun](/datasets/catalog/lsun) (/datasets/catalog/lsun)
- [nyu_depth_v2](/datasets/catalog/nyu_depth_v2) (/datasets/catalog/nyu_depth_v2)
- [scene_parse150](/datasets/catalog/scene_parse150) (/datasets/catalog/scene_parse150)
- [shapes3d](/datasets/catalog/shapes3d) (/datasets/catalog/shapes3d)
- [the300w_lp](/datasets/catalog/the300w_lp) (/datasets/catalog/the300w_lp)

Image classification


- [beans](/datasets/catalog/beans) (/datasets/catalog/beans)
- [bigearthnet](/datasets/catalog/bigearthnet) (/datasets/catalog/bigearthnet)
- [binary_alpha_digits](/datasets/catalog/binary_alpha_digits) (/datasets/catalog/binary_alpha_digits)
- [caltech101](/datasets/catalog/caltech101) (/datasets/catalog/caltech101)

- [caltech_birds2010](/datasets/catalog/caltech_birds2010) (/datasets/catalog/caltech_birds2010)
- [caltech_birds2011](/datasets/catalog/caltech_birds2011) (/datasets/catalog/caltech_birds2011)
- [cars196](/datasets/catalog/cars196) (/datasets/catalog/cars196)
- [cassava](/datasets/catalog/cassava) (/datasets/catalog/cassava)
- [cats_vs_dogs](/datasets/catalog/cats_vs_dogs) (/datasets/catalog/cats_vs_dogs)
- [cifar10](/datasets/catalog/cifar10) (/datasets/catalog/cifar10)
- [cifar100](/datasets/catalog/cifar100) (/datasets/catalog/cifar100)
- [cifar10_1](/datasets/catalog/cifar10_1) (/datasets/catalog/cifar10_1)
- [cifar10_corrupted](/datasets/catalog/cifar10_corrupted) (/datasets/catalog/cifar10_corrupted)
- [citrus_leaves](/datasets/catalog/citrus_leaves) (/datasets/catalog/citrus_leaves)
- [cmaterdb](/datasets/catalog/cmaterdb) (/datasets/catalog/cmaterdb)
- [colorectal_histology](/datasets/catalog/colorectal_histology) (/datasets/catalog/colorectal_histology)
- [colorectal_histology_large](/datasets/catalog/colorectal_histology_large) (/datasets/catalog/colorectal_histology_large)
- [curated_breast_imaging_ddsm](/datasets/catalog/curated_breast_imaging_ddsm) (/datasets/catalog/curated_breast_imaging_ddsm)
- [cycle_gan](/datasets/catalog/cycle_gan) (/datasets/catalog/cycle_gan)
- [deep_weeds](/datasets/catalog/deep_weeds) (/datasets/catalog/deep_weeds)
- [diabetic_retinopathy_detection](/datasets/catalog/diabetic_retinopathy_detection) (/datasets/catalog/diabetic_retinopathy_detection)
- [dmlab](/datasets/catalog/dmlab) (/datasets/catalog/dmlab)
- [dtd](/datasets/catalog/dtd) (/datasets/catalog/dtd)
- [emnist](/datasets/catalog/emnist) (/datasets/catalog/emnist)
- [eurosat](/datasets/catalog/eurosat) (/datasets/catalog/eurosat)
- [fashion_mnist](/datasets/catalog/fashion_mnist) (/datasets/catalog/fashion_mnist)
- [food101](/datasets/catalog/food101) (/datasets/catalog/food101)
- [geirhos_conflict_stimuli](/datasets/catalog/geirhos_conflict_stimuli) (/datasets/catalog/geirhos_conflict_stimuli)
- [horses_or_humans](/datasets/catalog/horses_or_humans) (/datasets/catalog/horses_or_humans)
- [i_naturalist2017](/datasets/catalog/i_naturalist2017) (/datasets/catalog/i_naturalist2017)
- [imagenet2012](/datasets/catalog/imagenet2012) (/datasets/catalog/imagenet2012)
- [imagenet2012_corrupted](/datasets/catalog/imagenet2012_corrupted) (/datasets/catalog/imagenet2012_corrupted)
- [imagenet2012_real](/datasets/catalog/imagenet2012_real) (/datasets/catalog/imagenet2012_real)

- [imagenet2012_subset](/datasets/catalog/imagenet2012_subset) (/datasets/catalog/imagenet2012_subset)
- [imagenet_a](/datasets/catalog/imagenet_a) (/datasets/catalog/imagenet_a)
- [imagenet_resized](/datasets/catalog/imagenet_resized) (/datasets/catalog/imagenet_resized)
- [imagenet_v2](/datasets/catalog/imagenet_v2) (/datasets/catalog/imagenet_v2)
- [imagenette](/datasets/catalog/imagenette) (/datasets/catalog/imagenette)
- [imagewang](/datasets/catalog/imagewang) (/datasets/catalog/imagewang)
- [kmnist](/datasets/catalog/kmnist) (/datasets/catalog/kmnist)
- [lfw](/datasets/catalog/lfw) (/datasets/catalog/lfw)
- [malaria](/datasets/catalog/malaria) (/datasets/catalog/malaria)
- [mnist](/datasets/catalog/mnist) (/datasets/catalog/mnist)
- [mnist_corrupted](/datasets/catalog/mnist_corrupted) (/datasets/catalog/mnist_corrupted)
- [omniglot](/datasets/catalog/omniglot) (/datasets/catalog/omniglot)
- [oxford_flowers102](/datasets/catalog/oxford_flowers102) (/datasets/catalog/oxford_flowers102)
- [oxford_iiit_pet](/datasets/catalog/oxford_iiit_pet) (/datasets/catalog/oxford_iiit_pet)
- [patch_camelyon](/datasets/catalog/patch_camelyon) (/datasets/catalog/patch_camelyon)
- [pet_finder](/datasets/catalog/pet_finder) (/datasets/catalog/pet_finder)
- [places365_small](/datasets/catalog/places365_small) (/datasets/catalog/places365_small)
- [plant_leaves](/datasets/catalog/plant_leaves) (/datasets/catalog/plant_leaves)
- [plant_village](/datasets/catalog/plant_village) (/datasets/catalog/plant_village)
- [plantae_k](/datasets/catalog/plantae_k) (/datasets/catalog/plantae_k)
- [quickdraw_bitmap](/datasets/catalog/quickdraw_bitmap) (/datasets/catalog/quickdraw_bitmap)
- [resisc45](/datasets/catalog/resisc45) (/datasets/catalog/resisc45)
- [rock_paper_scissors](/datasets/catalog/rock_paper_scissors) (/datasets/catalog/rock_paper_scissors)
- [smallnorb](/datasets/catalog/smallnorb) (/datasets/catalog/smallnorb)
- [so2sat](/datasets/catalog/so2sat) (/datasets/catalog/so2sat)
- [stanford_dogs](/datasets/catalog/stanford_dogs) (/datasets/catalog/stanford_dogs)
- [stanford_online_products](/datasets/catalog/stanford_online_products) (/datasets/catalog/stanford_online_products)
- [stl10](/datasets/catalog/stl10) (/datasets/catalog/stl10)
- [sun397](/datasets/catalog/sun397) (/datasets/catalog/sun397)

- [svhn_cropped](/datasets/catalog/svhn_cropped) (/datasets/catalog/svhn_cropped)
- [tf_flowers](/datasets/catalog/tf_flowers) (/datasets/catalog/tf_flowers)
- [uc_merced](/datasets/catalog/uc_merced) (/datasets/catalog/uc_merced)
- [vgg_face2](/datasets/catalog/vgg_face2) (/datasets/catalog/vgg_face2)
- [visual_domain_decathlon](/datasets/catalog/visual_domain_decathlon) (/datasets/catalog/visual_domain_decathlon)


Object detection



- [coco](/datasets/catalog/coco) (/datasets/catalog/coco)
- [coco_captions](/datasets/catalog/coco_captions) (/datasets/catalog/coco_captions) 
- [kitti](/datasets/catalog/kitti) (/datasets/catalog/kitti)
- [open_images_challenge2019_detection](/datasets/catalog/open_images_challenge2019_detection) (/datasets/catalog/open_images_challenge2019_detection)
- [open_images_v4](/datasets/catalog/open_images_v4) (/datasets/catalog/open_images_v4)
- [voc](/datasets/catalog/voc) (/datasets/catalog/voc)
- [waymo_open_dataset](/datasets/catalog/waymo_open_dataset) (/datasets/catalog/waymo_open_dataset)
- [wider_face](/datasets/catalog/wider_face) (/datasets/catalog/wider_face)

Question answering

- [ai2_arc](/datasets/catalog/ai2_arc) (/datasets/catalog/ai2_arc)
- [cosmos_qa](/datasets/catalog/cosmos_qa) (/datasets/catalog/cosmos_qa)
- [mctaco](/datasets/catalog/mctaco) (/datasets/catalog/mctaco)
- [natural_questions](/datasets/catalog/natural_questions) (/datasets/catalog/natural_questions)
- [squad](/datasets/catalog/squad) (/datasets/catalog/squad)
- [trivia_qa](/datasets/catalog/trivia_qa) (/datasets/catalog/trivia_qa)
- [web_questions](/datasets/catalog/web_questions) (/datasets/catalog/web_questions)

Structured

- [amazon_us_reviews](/datasets/catalog/amazon_us_reviews) (/datasets/catalog/amazon_us_reviews)
- [forest_fires](/datasets/catalog/forest_fires) (/datasets/catalog/forest_fires)
- [genomics_ood](/datasets/catalog/genomics_ood) (/datasets/catalog/genomics_ood) 

- [german_credit_numeric](/datasets/catalog/german_credit_numeric) (/datasets/catalog/german_credit_numeric)
- [higgs](/datasets/catalog/higgs) (/datasets/catalog/higgs)
- [iris](/datasets/catalog/iris) (/datasets/catalog/iris)
- [movie_lens](/datasets/catalog/movie_lens) (/datasets/catalog/movie_lens)
- [movielens](/datasets/catalog/movielens) (/datasets/catalog/movielens) 
- [radon](/datasets/catalog/radon) (/datasets/catalog/radon) 
- [rock_you](/datasets/catalog/rock_you) (/datasets/catalog/rock_you)
- [titanic](/datasets/catalog/titanic) (/datasets/catalog/titanic)

Summarization

- [aeslc](/datasets/catalog/aeslc) (/datasets/catalog/aeslc)
- [big_patent](/datasets/catalog/big_patent) (/datasets/catalog/big_patent)
- [billsum](/datasets/catalog/billsum) (/datasets/catalog/billsum)
- [cnn_dailymail](/datasets/catalog/cnn_dailymail) (/datasets/catalog/cnn_dailymail)
- [covid19sum](/datasets/catalog/covid19sum) (/datasets/catalog/covid19sum)
- [gigaword](/datasets/catalog/gigaword) (/datasets/catalog/gigaword)
- [multi_news](/datasets/catalog/multi_news) (/datasets/catalog/multi_news)
- [newsroom](/datasets/catalog/newsroom) (/datasets/catalog/newsroom)
- [opinion_abstracts](/datasets/catalog/opinion_abstracts) (/datasets/catalog/opinion_abstracts)
- [opinosis](/datasets/catalog/opinosis) (/datasets/catalog/opinosis)
- [reddit](/datasets/catalog/reddit) (/datasets/catalog/reddit)
- [reddit_tifu](/datasets/catalog/reddit_tifu) (/datasets/catalog/reddit_tifu)
- [samsum](/datasets/catalog/samsum) (/datasets/catalog/samsum)
- [scientific_papers](/datasets/catalog/scientific_papers) (/datasets/catalog/scientific_papers)
- [wikihow](/datasets/catalog/wikihow) (/datasets/catalog/wikihow)
- [xsum](/datasets/catalog/xsum) (/datasets/catalog/xsum)

Text

- [ag_news_subset](/datasets/catalog/ag_news_subset) (/datasets/catalog/ag_news_subset) 

- [anli](/datasets/catalog/anli) (/datasets/catalog/anli)
- [blimp](/datasets/catalog/blimp) (/datasets/catalog/blimp)
- [c4](/datasets/catalog/c4) (/datasets/catalog/c4)
- [cfq](/datasets/catalog/cfq) (/datasets/catalog/cfq)
- [civil_comments](/datasets/catalog/civil_comments) (/datasets/catalog/civil_comments)
- [clinc_oos](/datasets/catalog/clinc_oos) (/datasets/catalog/clinc_oos)
- [cos_e](/datasets/catalog/cos_e) (/datasets/catalog/cos_e)
- [definite_pronoun_resolution](/datasets/catalog/definite_pronoun_resolution) (/datasets/catalog/definite_pronoun_resolution)
- [eraser_multi_rc](/datasets/catalog/eraser_multi_rc) (/datasets/catalog/eraser_multi_rc)
- [esnli](/datasets/catalog/esnli) (/datasets/catalog/esnli)
- [gap](/datasets/catalog/gap) (/datasets/catalog/gap)
- [glue](/datasets/catalog/glue) (/datasets/catalog/glue)
- [goemotions](/datasets/catalog/goemotions) (/datasets/catalog/goemotions) 🐼
- [imdb_reviews](/datasets/catalog/imdb_reviews) (/datasets/catalog/imdb_reviews)
- [irc_disentanglement](/datasets/catalog/irc_disentanglement) (/datasets/catalog/irc_disentanglement)
- [librispeech_lm](/datasets/catalog/librispeech_lm) (/datasets/catalog/librispeech_lm)
- [lm1b](/datasets/catalog/lm1b) (/datasets/catalog/lm1b)
- [math_dataset](/datasets/catalog/math_dataset) (/datasets/catalog/math_dataset)
- [movie_rationales](/datasets/catalog/movie_rationales) (/datasets/catalog/movie_rationales)
- [multi_nli](/datasets/catalog/multi_nli) (/datasets/catalog/multi_nli)
- [multi_nli_mismatch](/datasets/catalog/multi_nli_mismatch) (/datasets/catalog/multi_nli_mismatch)
- [openbookqa](/datasets/catalog/openbookqa) (/datasets/catalog/openbookqa)
- [paws_wiki](/datasets/catalog/paws_wiki) (/datasets/catalog/paws_wiki) 🐼
- [pg19](/datasets/catalog/pg19) (/datasets/catalog/pg19)
- [qa4mre](/datasets/catalog/qa4mre) (/datasets/catalog/qa4mre)
- [reddit_disentanglement](/datasets/catalog/reddit_disentanglement) (/datasets/catalog/reddit_disentanglement)
- [scan](/datasets/catalog/scan) (/datasets/catalog/scan)
- [scicite](/datasets/catalog/scicite) (/datasets/catalog/scicite)
- [snli](/datasets/catalog/snli) (/datasets/catalog/snli)

- [super_glue](/datasets/catalog/super_glue) (/datasets/catalog/super_glue)
- [tiny_shakespeare](/datasets/catalog/tiny_shakespeare) (/datasets/catalog/tiny_shakespeare)
- [wiki40b](/datasets/catalog/wiki40b) (/datasets/catalog/wiki40b)
- [wikipedia](/datasets/catalog/wikipedia) (/datasets/catalog/wikipedia)
- [wikipedia_toxicity_subtypes](/datasets/catalog/wikipedia_toxicity_subtypes) (/datasets/catalog/wikipedia_toxicity_subtypes)
- [winogrande](/datasets/catalog/winogrande) (/datasets/catalog/winogrande)
- [wordnet](/datasets/catalog/wordnet) (/datasets/catalog/wordnet)
- [xnli](/datasets/catalog/xnli) (/datasets/catalog/xnli)
- [yelp_polarity_reviews](/datasets/catalog/yelp_polarity_reviews) (/datasets/catalog/yelp_polarity_reviews)

Translate

- [flores](/datasets/catalog/flores) (/datasets/catalog/flores)
- [opus](/datasets/catalog/opus) (/datasets/catalog/opus)
- [para_crawl](/datasets/catalog/para_crawl) (/datasets/catalog/para_crawl)
- [ted_hrlr_translate](/datasets/catalog/ted_hrlr_translate) (/datasets/catalog/ted_hrlr_translate)
- [ted_multi_translate](/datasets/catalog/ted_multi_translate) (/datasets/catalog/ted_multi_translate)
- [wmt14_translate](/datasets/catalog/wmt14_translate) (/datasets/catalog/wmt14_translate)
- [wmt15_translate](/datasets/catalog/wmt15_translate) (/datasets/catalog/wmt15_translate)
- [wmt16_translate](/datasets/catalog/wmt16_translate) (/datasets/catalog/wmt16_translate)
- [wmt17_translate](/datasets/catalog/wmt17_translate) (/datasets/catalog/wmt17_translate)
- [wmt18_translate](/datasets/catalog/wmt18_translate) (/datasets/catalog/wmt18_translate)
- [wmt19_translate](/datasets/catalog/wmt19_translate) (/datasets/catalog/wmt19_translate)
- [wmt_t2t_translate](/datasets/catalog/wmt_t2t_translate) (/datasets/catalog/wmt_t2t_translate)

Video

- [bair_robot_pushing_small](/datasets/catalog/bair_robot_pushing_small) (/datasets/catalog/bair_robot_pushing_small)
- [moving_mnist](/datasets/catalog/moving_mnist) (/datasets/catalog/moving_mnist)
- [robonet](/datasets/catalog/robonet) (/datasets/catalog/robonet)
- [starcraft_video](/datasets/catalog/starcraft_video) (/datasets/catalog/starcraft_video)

- [ucf101 \(/datasets/catalog/ucf101\)](/datasets/catalog/ucf101)

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