

## Module: tf.contrib.data

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Defined in [tensorflow/contrib/data/\\_\\_init\\_\\_.py](#).

**tf.contrib.data.Dataset** API for input pipelines.

See the [Importing Data](#) Programmer's Guide for an overview.

## Classes

**class Dataset** : Represents a potentially large set of elements.

**class FixedLengthRecordDataset** : A **Dataset** of fixed-length records from one or more binary files.

**class Iterator** : Represents the state of iterating through a **Dataset**.

**class TFRecordDataset** : A **Dataset** comprising records from one or more TFRecord files.

**class TextLineDataset** : A **Dataset** comprising lines from one or more text files.

## Functions

**batch\_and\_drop\_remainder(...)** : A batching transformation that omits the final small batch (if present).

**dense\_to\_sparse\_batch(...)** : A transformation that batches ragged elements into **tf.SparseTensor**s.

**enumerate\_dataset(...)** : A transformation that enumerate the elements of a dataset.

**group\_by\_window(...)** : A transformation that groups windows of elements by key and reduces them.

**ignore\_errors(...)** : Creates a **Dataset** from another **Dataset** and silently ignores any errors.

**read\_batch\_features(...)** : Reads batches of Examples.

**rejection\_resample(...)** : A transformation that resamples a dataset to achieve a target distribution.

**sloppy\_interleave(...)** : A non-deterministic version of the **Dataset.interleave()** transformation.

**unbatch(...)** : A Transformation which splits the elements of a dataset.

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