

tf.contrib.data.rejection_resample

```
rejection_resample(  
    class_func,  
    target_dist,  
    initial_dist=None,  
    seed=None  
)
```

Defined in [tensorflow/contrib/data/python/ops/resampling.py](#).

A transformation that resamples a dataset to achieve a target distribution.

NOTE Resampling is performed via rejection sampling; some fraction of the input values will be dropped.

Args:

- **class_func** : A function mapping an element of the input dataset to a scalar `tf.int32` tensor. Values should be in `[0, num_classes)`.
- **target_dist** : A floating point type tensor, shaped `[num_classes]`.
- **initial_dist** : (Optional.) A floating point type tensor, shaped `[num_classes]`. If not provided, the true class distribution is estimated live in a streaming fashion.
- **seed** : (Optional.) Python integer seed for the resampler.

Returns:

A `Dataset` transformation function, which can be passed to [tf.data.Dataset.apply](#).

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