

tf.contrib.estimator.regression_head

```
regression_head(  
    weight_column=None,  
    label_dimension=1,  
    name=None  
)
```

Defined in [tensorflow/contrib/estimator/python/estimator/head.py](#).

Creates a `_Head` for regression using the mean squared loss.

Uses `mean_squared_error` loss.

Args:

- `weight_column`: A string or a `_NumericColumn` created by `tf.feature_column.numeric_column` defining feature column representing weights. It is used to down weight or boost examples during training. It will be multiplied by the loss of the example.
- `label_dimension`: Number of regression labels per example. This is the size of the last dimension of the labels `Tensor` (typically, this has shape `[batch_size, label_dimension]`).
- `name`: name of the head. If provided, summary and metrics keys will be suffixed by `"/" + name`.

Returns:

An instance of `_Head` for linear regression.

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