

tf.contrib.learn.regression_head

```
regression_head(  
    label_name=None,  
    weight_column_name=None,  
    label_dimension=1,  
    enable_centered_bias=False,  
    head_name=None  
)
```

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

Creates a **Head** for linear regression.

Args:

- **label_name** : String, name of the key in label dict. Can be null if label is a tensor (single headed models).
- **weight_column_name** : A string defining feature column name 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]**).
- **enable_centered_bias** : A bool. If True, estimator will learn a centered bias variable for each class. Rest of the model structure learns the residual after centered bias.
- **head_name** : name of the head. If provided, predictions, summary and metrics keys will be suffixed by **"/" + head_name** and the default variable scope will be **head_name**.

Returns:

An instance of **Head** for linear regression.

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Last updated November 2, 2017.

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