

tf.contrib.learn.infer

```
infer(  
    restore_checkpoint_path,  
    output_dict,  
    feed_dict=None  
)
```

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

See the guide: [Learn \(contrib\) > Graph actions](#)

Restore graph from `restore_checkpoint_path` and run `output_dict` tensors. (deprecated)

THIS FUNCTION IS DEPRECATED. It will be removed after 2017-02-15. Instructions for updating: `graph_actions.py` will be deleted. Use `tf.train.*` utilities instead. You can use `learn/estimators/estimator.py` as an example.

If `restore_checkpoint_path` is supplied, restore from checkpoint. Otherwise, init all variables.

Args:

- `restore_checkpoint_path`: A string containing the path to a checkpoint to restore.
- `output_dict`: A `dict` mapping string names to `Tensor` objects to run. Tensors must all be from the same graph.
- `feed_dict`: `dict` object mapping `Tensor` objects to input values to feed.

Returns:

Dict of values read from `output_dict` tensors. Keys are the same as `output_dict`, values are the results read from the corresponding `Tensor` in `output_dict`.

Raises:

- `ValueError`: if `output_dict` or `feed_dicts` is None or empty.

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