

J

please write a function for gradient descent in 6 lines or less

Here's a gradient descent function in 6 lines:

python

```
def gradient_descent(grad_func, init_params, lr=0.01, iters=100):  
    params = init_params.copy()  
    for _ in range(iters):  
        gradient = grad_func(params)  
        params = params - lr * gradient  
        if np.linalg.norm(lr * gradient) < 1e-6: break  
    return params
```