

OptimizationMethod

```
graph BT; NelderMead --> OptimizationMethod; RandomSearch --> OptimizationMethod
```

The diagram illustrates a class hierarchy. At the top is a box labeled 'OptimizationMethod'. Below it, a horizontal line connects two boxes: 'NelderMead' on the left and 'RandomSearch' on the right. A vertical line with an upward-pointing arrow connects the midpoint of this horizontal line to the bottom center of the 'OptimizationMethod' box, indicating that both 'NelderMead' and 'RandomSearch' inherit from 'OptimizationMethod'.

NelderMead

RandomSearch