
Subject: Nearest neighbors

Posted by [N. Johnson](#) on Thu, 08 Oct 2009 00:01:57 GMT

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I have a set of latitude/longitude pairs and I need to find the n closest neighbors for all of them. I'm trying to use the nearest_neighbors() function found on this page:
http://www.dfanning.com/code_tips/slowloops.html

However, when I attempt to run the function, I get an error on the line:

```
p=c[c[point]:c[point+1]-1] ;start with this point's DT neighbors
```

because c[point] is equal to c[point+1]. Since I don't know exactly what the function is doing, I don't know how to fix it. If it matters, I have a lot of lat/lon pairs (~1e6) and there may be duplicates.

Any suggestions?

Nathan Johnson
