
Subject: filtering data data in .txt
Posted by [omar ali](#) on Tue, 05 Apr 2016 14:12:21 GMT
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Hi,
I need to filter out the the rows having -9.999 values from the following data. I read the text file with opnr command but unfortunately, date and time are gone.

Example of the file is below:

```
9/20/2007 10:00:00 1.88
9/20/2007 11:00:00 1.88
9/20/2007 12:00:00 1.88
9/20/2007 13:00:00 1.88
9/20/2007 14:00:00 1.88
9/20/2007 15:00:00 1.88
9/20/2007 16:00:00 1.86
9/20/2007 17:00:00 1.86
9/20/2007 18:00:00 1.83
9/20/2007 19:00:00 -9.999
9/20/2007 20:00:00 -9.999
9/20/2007 21:00:00 -9.999
9/20/2007 22:00:00 -9.999
9/20/2007 23:00:00 -9.999
9/21/2007 0:00:00 -9.999
9/21/2007 1:00:00 -9.999
9/21/2007 2:00:00 -9.999
9/21/2007 3:00:00 -9.999
9/21/2007 4:00:00 -9.999
9/21/2007 5:00:00 -9.999
9/21/2007 6:00:00 -9.999
9/21/2007 7:00:00 -9.999
9/21/2007 8:00:00 -9.999
9/21/2007 9:00:00 -9.999
9/21/2007 10:00:00 1.81
9/21/2007 11:00:00 1.81
9/21/2007 12:00:00 1.81
9/21/2007 13:00:00 1.83
9/21/2007 14:00:00 1.83
```

Subject: Re: filtering data data in .txt
Posted by [Jeremy Bailin](#) on Tue, 05 Apr 2016 14:21:37 GMT
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On Tuesday, April 5, 2016 at 10:12:24 AM UTC-4, omar ali wrote:

> Hi,
> I need to filter out the the rows having -9.999 values from the following data. I read the text

file with opnr command but unfortunately, date and time are gone.

>

> Example of the file is below:

>

> 9/20/2007 10:00:00 1.88
> 9/20/2007 11:00:00 1.88
> 9/20/2007 12:00:00 1.88
> 9/20/2007 13:00:00 1.88
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> 9/20/2007 16:00:00 1.86
> 9/20/2007 17:00:00 1.86
> 9/20/2007 18:00:00 1.83
> 9/20/2007 19:00:00 -9.999
> 9/20/2007 20:00:00 -9.999
> 9/20/2007 21:00:00 -9.999
> 9/20/2007 22:00:00 -9.999
> 9/20/2007 23:00:00 -9.999
> 9/21/2007 0:00:00 -9.999
> 9/21/2007 1:00:00 -9.999
> 9/21/2007 2:00:00 -9.999
> 9/21/2007 3:00:00 -9.999
> 9/21/2007 4:00:00 -9.999
> 9/21/2007 5:00:00 -9.999
> 9/21/2007 6:00:00 -9.999
> 9/21/2007 7:00:00 -9.999
> 9/21/2007 8:00:00 -9.999
> 9/21/2007 9:00:00 -9.999
> 9/21/2007 10:00:00 1.81
> 9/21/2007 11:00:00 1.81
> 9/21/2007 12:00:00 1.81
> 9/21/2007 13:00:00 1.83
> 9/21/2007 14:00:00 1.83

I would recommend using WHERE.

-Jeremy.

Subject: Re: filtering data data in .txt

Posted by [omar ali](#) on Tue, 05 Apr 2016 14:51:51 GMT

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> On Tuesday, April 5, 2016 at 10:12:24 AM UTC-4, omar ali wrote:

>> Hi,

>> I need to filter out the the rows having -9.999 values from the following data. I read the text

file with `openr` command but unfortunately, date and time are gone.

>>

>> Example of the file is below:

>>

>> 9/20/2007 10:00:00 1.88

>> 9/20/2007 11:00:00 1.88

>> 9/20/2007 12:00:00 1.88

>> 9/20/2007 13:00:00 1.88

>> 9/20/2007 14:00:00 1.88

>> 9/20/2007 15:00:00 1.88

>> 9/20/2007 16:00:00 1.86

>> 9/20/2007 17:00:00 1.86

>> 9/20/2007 18:00:00 1.83

>> 9/20/2007 19:00:00 -9.999

>> 9/20/2007 20:00:00 -9.999

>> 9/20/2007 21:00:00 -9.999

>> 9/20/2007 22:00:00 -9.999

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>> 9/21/2007 5:00:00 -9.999

>> 9/21/2007 6:00:00 -9.999

>> 9/21/2007 7:00:00 -9.999

>> 9/21/2007 8:00:00 -9.999

>> 9/21/2007 9:00:00 -9.999

>> 9/21/2007 10:00:00 1.81

>> 9/21/2007 11:00:00 1.81

>> 9/21/2007 12:00:00 1.81

>> 9/21/2007 13:00:00 1.83

>> 9/21/2007 14:00:00 1.83

>

> I would recommend using `WHERE`.

>

> -Jeremy.

the problem is not using `where`. actually, it is the format of the first and second columns. I do not know how to read and write such format. I usually a text with the following command which is not appropriate since it save the data into float array.

Thanks

Code for reading txt file

```
asc_org="D:\data\file.txt"
```

```
openr,8,asc_org
```

```
r_org=fltarr(1,78840) ; change based on the dimension of the txt file
readf,8,r_org
close,8
```

Subject: Re: filtering data data in .txt
Posted by [Jeremy Bailin](#) on Tue, 05 Apr 2016 15:16:36 GMT
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On Tuesday, April 5, 2016 at 10:51:53 AM UTC-4, omar ali wrote:

>> On Tuesday, April 5, 2016 at 10:12:24 AM UTC-4, omar ali wrote:

>>> Hi,

>>> I need to filter out the the rows having -9.999 values from the following data. I read the text file with opnr command but unfortunately, date and time are gone.

>>>

>>> Example of the file is below:

>>>

```
>>> 9/20/2007 10:00:00 1.88
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>>> 9/20/2007 16:00:00 1.86
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>>> 9/20/2007 19:00:00 -9.999
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>>> 9/20/2007 23:00:00 -9.999
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>>> 9/21/2007 1:00:00 -9.999
>>> 9/21/2007 2:00:00 -9.999
>>> 9/21/2007 3:00:00 -9.999
>>> 9/21/2007 4:00:00 -9.999
>>> 9/21/2007 5:00:00 -9.999
>>> 9/21/2007 6:00:00 -9.999
>>> 9/21/2007 7:00:00 -9.999
>>> 9/21/2007 8:00:00 -9.999
>>> 9/21/2007 9:00:00 -9.999
>>> 9/21/2007 10:00:00 1.81
>>> 9/21/2007 11:00:00 1.81
>>> 9/21/2007 12:00:00 1.81
>>> 9/21/2007 13:00:00 1.83
>>> 9/21/2007 14:00:00 1.83
```

```
>>
>> I would recommend using WHERE.
>>
>> -Jeremy.
>
> the problem is not using where. actually, it is the format of the first and second columns. I do
> not know how to read and write such format. I usually a text with the following command which is
> not appropriate since it save the data into float array.
>
> Thanks
>
> Code for reading txt file
> -----
> asc_org="D:\data\file.txt"
> openr,8,asc_org
> r_org=fltarr(1,78840) ; change based on the dimension of the txt file
> readf,8,r_org
> close,8
```

You might want to use something like READ_ASCII with ASCII_TEMPLATE. Or alternatively, read them all in as strings and parse it yourself line by line.

-Jeremy.
