Import Data in baselinpolyfit code:

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For FTIR raw spectra's we face differences which can be categorized as below:

1. File format (.txt or .csv)
2. How data's separate (with, or Space)
3. First rows might contain text which needed to be eliminate for calculation

All these issues can be handle in line 28th of the code

For first issue you can import both .csv and .txt files then we don't have any problem we the format,

For second problem you can set delimiter with ", "and "\t",Or you can easily set any other type of delimiter which you desire, (number 1 in image)

The third problem can be overcome by set the number of text rows in skiprows(number 2 in image)if you have only 1 line of text skiprows should set to 0 and if you have 5 line of text we must write [0,1,2,3,4] in skiprows, please notice that python numbering start from 0.

For example in this data set (fig 1) line 1 consist text and data separate by " , "

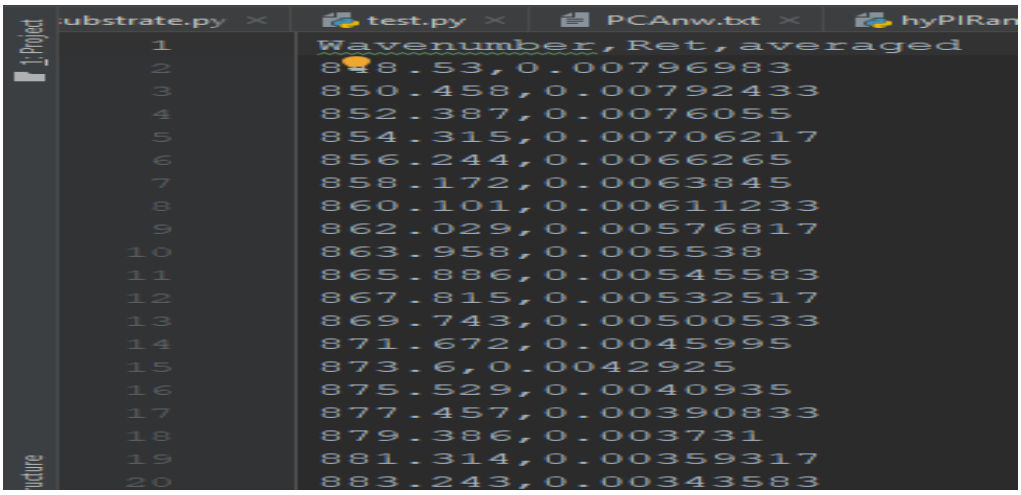

Figure 1First data set

As a result skiprows need [0] and delimiter ", "(fig2)

```
26  PATH="SpecTools Examples Ret avfor Anaconda.csv" #csv or txt format
27  # PATH="D:/SpecTools/RetavforAnaconda.txt" #csv or txt format
28  df=pd.read_csv(PATH, sep="\t", skiprows=[0], delimiter=",") #in skiprows write the rows
29  data=df.values.T
```

Figure 2correct import form of dataset1

For second data set (fig3)

```
1  XLabel Wavenumber
2  YLabel Absorbance
3  FileType Absorbance
4  DisplayDirection 20300
5  PeakDirection 20312
6  798.389597 0.066815
7  800.318074 0.066516
8  802.246552 0.066001
9  804.175029 0.065031
```

Figure 3data set 2

Line 28th must be write as below (fig4)

```
28  df=pd.read_csv(PATH, sep="\t", skiprows=[0,1,2,3,4], delimiter="\t")
29  data=df.values.T
```

Figure 4correct form of import for data set 2

As it is obvious there is 5 line of text to delete and space between data's