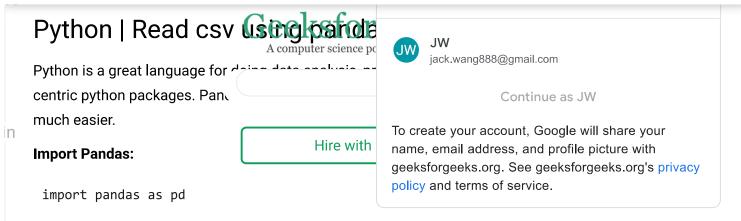


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Code #1: read_csv is an important pandas function to read csv files and do operations on it.

```
# Import pandas
import pandas as pd

# reading csv file
pd.read_csv("filename.csv")
```

Opening a CSV file through this is easy. But there are many others thing one can do through this function only to change the returned object completely. For instance, one can read a csv file not only locally, but from a URL through read_csv or one can choose what columns needed to export so that we don't have to edit the array later.

Here is the list of parameters it takes with their **Default values**.



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engine=None, converters=None, true_values=None skiprows=None, nrows=None, na_values=None, ke verbose=False, skip_blank_lines=True, parse_date keep_date_col=False, date_parser=None, dayfirst=compression='infer', thousands=None, decimal=b'.escapechar=None, comment=None, encoding=None error_bad_lines=True, warn_bad_lines=True, skipfc delim_whitespace=False, low_memory=True, mem



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Not all of them are much important but remembering these actually save time of performing same functions on own. One can see parameters of any function by pressing shift + tab in jupyter notebook. Useful ones are given below with their usage:

PARAMETER	URL or Dir location of file Stands for seperator, default is ', ' as in csv(comma seperated values)		
filepath_or_buffer			
sep			
index_col	Makes pas	sed colum	nn as index instead of 0, 1, 2, 3r
	In [21]:	pd.read_csv("/pokemon.csv",index_col="Type", squeeze = True)	
	Out[21]:	Type	
		Grass	Bulbasaur
		Grass	Ivysaur
		Grass	Venusaur
		Fire	Charmander
		Fire	Charmeleon
		Fire	Charizard
		Water	Squirtle
		Water	Wartortle



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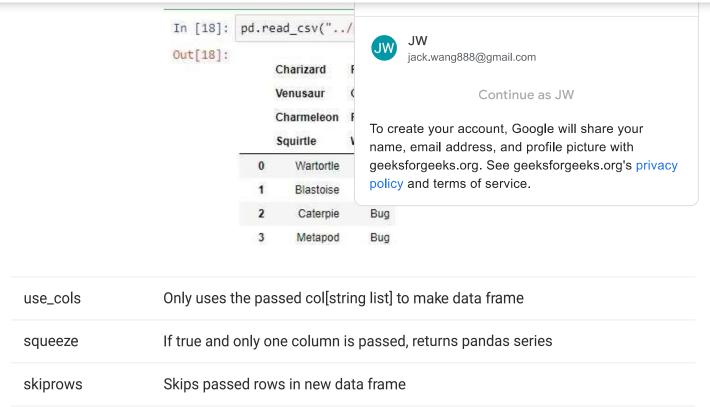
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Refer the link to data set used from here.

Code #2:

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