

FSDS ASSIGNMENT – 13

1. What advantages do Excel spreadsheets have over CSV spreadsheets?

Ans. Text editors cannot edit files saved in Excel format, and also, Excel file can be password protected unlike CSV spreadsheets.

2. What do you pass to `csv.reader()` and `csv.writer()` to create reader and writer objects?

Ans. We can pass the `csv` module to `csv.reader()` and `csv.writer()` to create reader and writer objects.

3. What modes do File objects for reader and writer objects need to be opened in?

Ans. The modes for reader and writer objects are 'r' and 'w' respectively.

4. What method takes a list argument and writes it to a CSV file?

Ans. The method '`writerows()`' takes a list of iterables as parameter and writes each item as a comma separated line of items in the file.

5. What do the keyword arguments `delimiter` and `line terminator` do?

Ans. The `delimiter` argument specifies the character used to separate each field and the default delimiter is a comma ','.

The `line terminator` is the character that comes at the end of a row. By default, the line terminator is a new line.

6. What function takes a string of JSON data and returns a Python data structure?

Ans. The function `json.loads()` takes a string of JSON data and returns a python data structure.

7. What function takes a Python data structure and returns a string of JSON data?

Ans. `json.load()` takes a python data structure and returns a string of JSON data.