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

Ans: While Excel (XLS and XLSX) file formats are better for storing more complex data, CSV files are supported by nearly all data upload interfaces.

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

Ans: First, call open() and pass file name with extension and 'r' to open the file in read mode . This will create the object to csv. reader()

First, call open() and pass file name with extension and 'w' to open a file in write mode . This will create the object to csv. writer()

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

Ans: **r:** Opens a file for reading only

**r+:** Opens a file for both reading and writing

**w:** Opens a file for writing only

**w+:** Open a file for writing and reading.

**a:** Opens a file for appending

**a+:** Opens a file for both appending and reading

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

Ans: writerow() method of writer and DictWriter class

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

Ans: The delimiter is the character that appears between cells on a row. By default, the delimiter for a CSV file is a comma. The line terminator is the character that comes at the end of a row. By default, the line terminator is a newline.

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

Ans:loads() method return Python data structure of JSON string or data.

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

Ans: If you have a Python object, you can convert it into a JSON string by using the json.dumps() method.