What are Delimited Data Text Files

lesson_4_1_1

Delimited Data

- Repeated value types per record separated by a delimiter and records separated by a '\n'
- The values can be determined based on the delimiter, each time a delimiter chracter is found it signals the end of one value and the next character is the start of a new value

Common Types of Delimiters

- The most common delimiter is the comma, ','
- But essentially anything can be used:
    - ';'
    - '\t'
    - size or space, every 10 characters is a new value (uncommon)

Example of a CSV File

- Comma Seperated Values

```
'color1', 'color2', 'color3'
'red', 'green', 'blue'
'blue', 'pink', 'green'
'purple', 'egg white', 'beige'
```

What are Non-Delimited Data Text Files

Non-Delimited Data

Non-delimited data is rare. It is also impossible to predict.

Review the data in the file and see if a pattern can be discerned. If so, it may be possible to write a python script that will parse the data into a CSV file.

```
('color1', 'color2', 'color3'), 'red', 'green', 'blue', [('blue', 'pink'),
'green'] 'purple' 'egg white' 'beige'
```