Ingesting Data

Week 04

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In [6]: #Enter correct file name "mbox-short.txt"
        #open file then read file
        #looking for lines like "X-DSPAM-Confidence"
        #string number spliting
        #make value float
        #count value
        #find total
        #get mean by total/count Count: 27 Mean is: 0.7507185185185187
```

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In [7]: file = input("Enter File name: ")

        try:
            file = open(file)
        except:
                print("Please enter correct name: ")
                quit()

        count = 0
        total = 0

        for line in file:
            if line.startswith('X-DSPAM-Confidence'):
                count = count + 1
                index = line.find(':')
                lastnumber = line[index + 1:]
                finalvalue = float(lastnumber)
                total = total + finalvalue

        print("Count: ", count)
        print("Mean is: ", total/count)

        file.close()
```

```
Enter File name: mbox-short.txt
Count:  27
Mean is:  0.7507185185185187
```

```
In [ ]:
```