In [1]: import pandas as pd

In [2]: df = pd.read_excel(r"C:\Users\kallzz\Desktop\Data Analytics Stuff\Data Analyst - Boot Camp\I
df

Out[2]:

	CustomerID	First_Name	Last_Name	Phone_Number	Address	Paying Customer	Do_Not_Contact	Not_Useful_(
0	1001	Frodo	Baggins	123-545-5421	123 Shire Lane, Shire	Yes	No	
1	1002	Abed	Nadir	123/643/9775	93 West Main Street	No	Yes	
2	1003	Walter	/White	7066950392	298 Drugs Driveway	N	NaN	
3	1004	Dwight	Schrute	123-543-2345	980 Paper Avenue, Pennsylvania, 18503	Yes	Y	
4	1005	Jon	Snow	876 678 3469	123 Dragons Road	Υ	No	
5	1006	Ron	Swanson	304-762-2467	768 City Parkway	Yes	Yes	
6	1007	Jeff	Winger	NaN	1209 South Street	No	No	
7	1008	Sherlock	Holmes	876 678 3469	98 Clue Drive	N	No	
8	1009	Gandalf	NaN	N/a	123 Middle Earth	Yes	NaN	
9	1010	Peter	Parker	123-545-5421	25th Main Street, New York	Yes	No	
10	1011	Samwise	Gamgee	NaN	612 Shire Lane, Shire	Yes	No	
11	1012	Harry	Potter	7066950392	2394 Hogwarts Avenue	Υ	NaN	
12	1013	Don	Draper	123-543-2345	2039 Main Street	Yes	N	
13	1014	Leslie	Knope	876 678 3469	343 City Parkway	Yes	No	
14	1015	Toby	Flenderson_	304-762-2467	214 HR Avenue	N	No	
15	1016	Ron	Weasley	123-545-5421	2395 Hogwarts Avenue	No	N	
16	1017	Michael	Scott	123/643/9775	121 Paper Avenue, Pennsylvania	Yes	No	
17	1018	Clark	Kent	7066950392	3498 Super Lane	Υ	NaN	
18	1019	Creed	Braton	N/a	N/a	N/a	Yes	
19	1020	Anakin	Skywalker	876 678 3469	910 Tatooine Road, Tatooine	Yes	N	
20	1020	Anakin	Skywalker	876 678 3469	910 Tatooine Road, Tatooine	Yes	N	
4								

In [3]: df = df.drop_duplicates()
 df.tail()

Out[3]:

	CustomerID	First_Name	Last_Name	Phone_Number	Address	Paying Customer	Do_Not_Contact	Not_Useful_C
15	1016	Ron	Weasley	123-545-5421	2395 Hogwarts Avenue	No	N	
16	1017	Michael	Scott	123/643/9775	121 Paper Avenue, Pennsylvania	Yes	No	
17	1018	Clark	Kent	7066950392	3498 Super Lane	Υ	NaN	
18	1019	Creed	Braton	N/a	N/a	N/a	Yes	
19	1020	Anakin	Skywalker	876 678 3469	910 Tatooine Road, Tatooine	Yes	N	
4								•

In [4]: df = df.drop(columns = 'Not_Useful_Column')

In [5]: df.head()

Out[5]:

	CustomerID	First_Name	Last_Name	Phone_Number	Address	Paying Customer	Do_Not_Contact
0	1001	Frodo	Baggins	123-545-5421	123 Shire Lane, Shire	Yes	No
1	1002	Abed	Nadir	123/643/9775	93 West Main Street	No	Yes
2	1003	Walter	/White	7066950392	298 Drugs Driveway	N	NaN
3	1004	Dwight	Schrute	123-543-2345	980 Paper Avenue, Pennsylvania, 18503	Yes	Υ
4	1005	Jon	Snow	876 678 3469	123 Dragons Road	Υ	No

Strip

```
In [6]: # need to perform the strip iteratively to remove unwanted characters at head and tail place
        # df['Last Name'].str.strip('/')
        # df['Last_Name'].str.strip('...')
        df['Last_Name'].str.strip('_')
Out[6]: 0
                  Baggins
                   Nadir
        1
        2
                   /White
         3
                  Schrute
        4
                     Snow
        5
                  Swanson
        6
                  Winger
        7
                   Holmes
                      NaN
        8
        9
                   Parker
        10
                   Gamgee
        11
                ...Potter
        12
                   Draper
        13
                    Knope
        14
              Flenderson
        15
                  Weasley
        16
                    Scott
        17
                     Kent
        18
                   Braton
        19
                Skywalker
        Name: Last_Name, dtype: object
In [7]: df['Last_Name'].str.strip(['_','...']) # passing paramaters as a list will not work
Out[7]: 0
              NaN
              NaN
         2
              NaN
         3
              NaN
        4
              NaN
        5
              NaN
         6
              NaN
        7
              NaN
        8
              NaN
        9
              NaN
        10
              NaN
              NaN
        11
        12
              NaN
        13
              NaN
        14
              NaN
        15
              NaN
        16
              NaN
        17
              NaN
        18
              NaN
        19
              NaN
        Name: Last_Name, dtype: float64
```

```
In [8]: # regular exp simplifies the process
        df['Last_Name'].str.strip('123._/')
Out[8]: 0
                 Baggins
                   Nadir
        1
        2
                   White
        3
                 Schrute
        4
                    Snow
        5
                 Swanson
        6
                  Winger
        7
                  Holmes
        8
                     NaN
        9
                  Parker
        10
                  Gamgee
        11
                  Potter
        12
                  Draper
        13
                   Knope
        14
              Flenderson
        15
                 Weasley
        16
                   Scott
        17
                    Kent
        18
                  Braton
        19
               Skywalker
        Name: Last_Name, dtype: object
In [9]: # assign the transformed data to that specific column
        df['Last_Name'] = df['Last_Name'].str.strip('123._/')
        df.head()
```

Out[9]:

	CustomerID	First_Name	Last_Name	Phone_Number	Address	Paying Customer	Do_Not_Contact
0	1001	Frodo	Baggins	123-545-5421	123 Shire Lane, Shire	Yes	No
1	1002	Abed	Nadir	123/643/9775	93 West Main Street	No	Yes
2	1003	Walter	White	7066950392	298 Drugs Driveway	N	NaN
3	1004	Dwight	Schrute	123-543-2345	980 Paper Avenue, Pennsylvania, 18503	Yes	Υ
4	1005	Jon	Snow	876 678 3469	123 Dragons Road	Υ	No

Replace

```
In [10]: # convert phonenumber into xxx-xxx format.
         # df['Phone_Number'].str.replace('-','')
         df['Phone_Number'].str.replace('/','')
Out[10]: 0
                123-545-5421
          1
                  1236439775
          2
          3
                123-543-2345
         4
                876 | 678 | 3469
          5
                304-762-2467
          6
                         NaN
         7
                876 | 678 | 3469
          8
                          Na
         9
                123-545-5421
         10
                         NaN
         11
                         NaN
          12
                123-543-2345
          13
                876 | 678 | 3469
         14
                304-762-2467
         15
                123-545-5421
                  1236439775
         16
         17
                         NaN
         18
                          Na
         19
                876 | 678 | 3469
         Name: Phone_Number, dtype: object
In [11]: # replace all the characters with '' and then split the string and add '-'
         # reg expression
         df['Phone Number'].str.replace('[^a-zA-Z0-9]','')
         C:\Users\kallzz\AppData\Local\Temp\ipykernel_29784\220277308.py:4: FutureWarning: The defa
         ult value of regex will change from True to False in a future version.
            df['Phone_Number'].str.replace('[^a-zA-Z0-9]','
Out[11]: 0
                1235455421
         1
                1236439775
          2
                       NaN
          3
                1235432345
         4
                8766783469
          5
                3047622467
          6
                       NaN
         7
                8766783469
          R
                        Na
         9
                1235455421
         10
                       NaN
         11
                       NaN
                1235432345
          12
         13
                8766783469
          14
                3047622467
          15
                1235455421
          16
                1236439775
          17
                       NaN
          18
                        Na
         19
                8766783469
         Name: Phone_Number, dtype: object
In [12]: df['Phone_Number'] = df['Phone_Number'].str.replace('[^a-zA-Z0-9]','')
         C:\Users\kallzz\AppData\Local\Temp\ipykernel 29784\1099693601.py:1: FutureWarning: The def
          ault value of regex will change from True to False in a future version.
            df['Phone_Number'] = df['Phone_Number'].str.replace('[^a-zA-Z0-9]','')
```

```
In [13]: # Lambda to change phone number in a specified format
         df['Phone\ Number'].apply(lambda\ x:\ x[0:3] + '-' + x[3:6] + '-' + x[6:10])
         TypeError
                                                    Traceback (most recent call last)
         Cell In[13], line 2
               1 # lambda to change phone number in a specified format
         ---> 2 df['Phone_Number'].apply(lambda x: x[0:3] + '-' + x[3:6] + '-' + x[6:10])
         File ~\anaconda3\lib\site-packages\pandas\core\series.py:4771, in Series.apply(self, func,
         convert_dtype, args, **kwargs)
            4661 def apply(
            4662
                     self,
            4663
                     func: AggFuncType,
            (\ldots)
                     **kwargs,
            4666
            4667 ) -> DataFrame | Series:
            4668
            4669
                     Invoke function on values of Series.
            4670
            (…)
                     dtype: float64
            4769
            4770
         -> 4771
                     return SeriesApply(self, func, convert_dtype, args, kwargs).apply()
         File ~\anaconda3\lib\site-packages\pandas\core\apply.py:1123, in SeriesApply.apply(self)
            1120
                     return self.apply_str()
            1122 # self.f is Callable
         -> 1123 return self.apply standard()
         File ~\anaconda3\lib\site-packages\pandas\core\apply.py:1174, in SeriesApply.apply standar
         d(self)
            1172
            1173
                         values = obj.astype(object)._values
         -> 1174
                         mapped = lib.map_infer(
            1175
                             values,
            1176
                             f,
            1177
                              convert=self.convert_dtype,
            1178
                         )
            1180 if len(mapped) and isinstance(mapped[0], ABCSeries):
            1181
                     # GH#43986 Need to do list(mapped) in order to get treated as nested
            1182
                     # See also GH#25959 regarding EA support
                     return obj. constructor expanddim(list(mapped), index=obj.index)
            1183
         File ~\anaconda3\lib\site-packages\pandas\libs\lib.pyx:2924, in pandas. libs.lib.map infe
         r()
         Cell In[13], line 2, in <lambda>(x)
               1 # lambda to change phone number in a specified format
         ---> 2 df['Phone_Number'].apply(lambda x: x[0:3] + '-' + x[3:6] + '-' + x[6:10])
         TypeError: 'float' object is not subscriptable
In [14]: df['Phone Number'] = df['Phone Number'].apply(lambda x: str(x))
```

```
In [15]: df['Phone Number'].apply(lambda x: x[0:3] + '-' + x[3:6] + '-' + x[6:10])
Out[15]:
          0
                  123-545-5421
                  123-643-9775
           2
           3
                  123-543-2345
           4
                  876-678-3469
           5
                  304-762-2467
           6
                          nan--
           7
                  876-678-3469
           8
                           Na--
           9
                  123-545-5421
           10
                          nan--
           11
                          nan--
                 123-543-2345
           12
           13
                  876-678-3469
           14
                  304-762-2467
                  123-545-5421
           15
           16
                  123-643-9775
           17
                          nan--
           18
                           Na--
           19
                  876-678-3469
          Name: Phone_Number, dtype: object
         df['Phone_Number'] = df['Phone_Number'].apply(lambda x: x[0:3] + '-' + x[3:6] + '-' + x[6:1])
In [17]:
          df.head()
Out[17]:
                                                                                             Paying
              CustomerID First_Name Last_Name Phone_Number
                                                                              Address
                                                                                                     Do_Not_Contact
                                                                                          Customer
           0
                     1001
                               Frodo
                                         Baggins
                                                    123-545-5421
                                                                    123 Shire Lane, Shire
                                                                                                Yes
                                                                                                                No
            1
                     1002
                                Abed
                                           Nadir
                                                    123-643-9775
                                                                     93 West Main Street
                                                                                                No
                                                                                                                Yes
                     1003
                               Walter
                                           White
                                                           nan--
                                                                     298 Drugs Driveway
                                                                                                               NaN
                                                                      980 Paper Avenue,
            3
                     1004
                               Dwight
                                         Schrute
                                                    123-543-2345
                                                                                                Yes
                                                                                                                 Υ
                                                                     Pennsylvania, 18503
                     1005
                                                   876-678-3469
                                                                       123 Dragons Road
                                 Jon
                                           Snow
                                                                                                                Nο
In [18]: df['Phone_Number'] = df['Phone_Number'].str.replace('nan--', '')
In [19]: df['Phone_Number'] = df['Phone_Number'].str.replace('Na--', '')
In [20]:
          df.head()
Out[20]:
                                                                                             Paying
              CustomerID First_Name Last_Name Phone_Number
                                                                              Address
                                                                                                     Do_Not_Contact
                                                                                          Customer
           0
                     1001
                                                    123-545-5421
                                                                    123 Shire Lane, Shire
                                                                                                                No
                               Frodo
                                         Baggins
                                                                                                Yes
            1
                     1002
                                Abed
                                           Nadir
                                                    123-643-9775
                                                                     93 West Main Street
                                                                                                No
                                                                                                                Yes
            2
                     1003
                                           White
                                                                     298 Drugs Driveway
                               Walter
                                                                                                               NaN
                                                                      980 Paper Avenue,
            3
                     1004
                               Dwight
                                         Schrute
                                                    123-543-2345
                                                                                                Yes
                                                                                                                 Υ
                                                                     Pennsylvania, 18503
                     1005
                                                    876-678-3469
                                                                       123 Dragons Road
                                                                                                                No
                                 Jon
                                           Snow
```

Split

```
In [21]:
         # Address column has street, state and zipcode data combination
         df['Address'].str.split(',', 1)
         C:\Users\kallzz\AppData\Local\Temp\ipykernel 29784\2477334801.py:2: FutureWarning: In a fu
         ture version of pandas all arguments of StringMethods.split except for the argument 'pat'
         will be keyword-only.
           df['Address'].str.split(',', 1)
Out[21]: 0
                                [123 Shire Lane, Shire]
                                   [93 West Main Street]
         2
                                    [298 Drugs Driveway]
         3
                [980 Paper Avenue,
                                    Pennsylvania, 18503]
         4
                                      [123 Dragons Road]
         5
                                      [768 City Parkway]
         6
                                     [1209 South Street]
         7
                                          [98 Clue Drive]
         8
                                      [123 Middle Earth]
         9
                           [25th Main Street, New York]
         10
                                [612 Shire Lane, Shire]
         11
                                  [2394 Hogwarts Avenue]
         12
                                      [2039 Main Street]
                                      [343 City Parkway]
         13
                                         [214 HR Avenue]
         14
                                  [2395 Hogwarts Avenue]
         15
         16
                       [121 Paper Avenue, Pennsylvania]
         17
                                       [3498 Super Lane]
         18
                                                    [N/a]
         19
                          [910 Tatooine Road, Tatooine]
         Name: Address, dtype: object
```

```
In [22]: df['Address'].str.split(',', 1, expand = True)
```

C:\Users\kallzz\AppData\Local\Temp\ipykernel_29784\1577666541.py:1: FutureWarning: In a fu ture version of pandas all arguments of StringMethods.split except for the argument 'pat' will be keyword-only.

df['Address'].str.split(',', 1, expand = True)

Out[22]:

	0	1
0	123 Shire Lane	Shire
1	93 West Main Street	None
2	298 Drugs Driveway	None
3	980 Paper Avenue	Pennsylvania, 18503
4	123 Dragons Road	None
5	768 City Parkway	None
6	1209 South Street	None
7	98 Clue Drive	None
8	123 Middle Earth	None
9	25th Main Street	New York
10	612 Shire Lane	Shire
11	2394 Hogwarts Avenue	None
12	2039 Main Street	None
13	343 City Parkway	None
14	214 HR Avenue	None
15	2395 Hogwarts Avenue	None
16	121 Paper Avenue	Pennsylvania
17	3498 Super Lane	None
18	N/a	None
19	910 Tatooine Road	Tatooine

```
In [23]: df['Address'].str.split(',', 2, expand = True)
```

C:\Users\kallzz\AppData\Local\Temp\ipykernel_29784\2782482359.py:1: FutureWarning: In a fu ture version of pandas all arguments of StringMethods.split except for the argument 'pat' will be keyword-only.

df['Address'].str.split(',', 2, expand = True)

Out[23]:

	0	1	2
0	123 Shire Lane	Shire	None
1	93 West Main Street	None	None
2	298 Drugs Driveway	None	None
3	980 Paper Avenue	Pennsylvania	18503
4	123 Dragons Road	None	None
5	768 City Parkway	None	None
6	1209 South Street	None	None
7	98 Clue Drive	None	None
8	123 Middle Earth	None	None
9	25th Main Street	New York	None
10	612 Shire Lane	Shire	None
11	2394 Hogwarts Avenue	None	None
12	2039 Main Street	None	None
13	343 City Parkway	None	None
14	214 HR Avenue	None	None
15	2395 Hogwarts Avenue	None	None
16	121 Paper Avenue	Pennsylvania	None
17	3498 Super Lane	None	None
18	N/a	None	None
19	910 Tatooine Road	Tatooine	None

```
In [24]: df[['Street_Address', 'State', 'Zip_Code']] = df['Address'].str.split(',', 2, expand = True
```

C:\Users\kallzz\AppData\Local\Temp\ipykernel_29784\3034702943.py:1: FutureWarning: In a fu ture version of pandas all arguments of StringMethods.split except for the argument 'pat' will be keyword-only.

df[['Street_Address', 'State', 'Zip_Code']] = df['Address'].str.split(',', 2, expand = T
rue)

```
In [25]: df.head()
```

Out[25]:

	CustomerID	First_Name	Last_Name	Phone_Number	Address	Paying Customer	Do_Not_Contact	Street_Addres
0	1001	Frodo	Baggins	123-545-5421	123 Shire Lane, Shire	Yes	No	123 Shire Lan
1	1002	Abed	Nadir	123-643-9775	93 West Main Street	No	Yes	93 West Mai Stree
2	1003	Walter	White		298 Drugs Driveway	N	NaN	298 Drug Drivewa
3	1004	Dwight	Schrute	123-543-2345	980 Paper Avenue, Pennsylvania, 18503	Yes	Υ	980 Pape Avenu
4	1005	Jon	Snow	876-678-3469	123 Dragons Road	Υ	No	123 Dragon Roa
								•

```
In [26]: df = df.drop(columns = 'Address')
```

In [27]: df.head()

Out[27]:

	CustomerID	First_Name	Last_Name	Phone_Number	Paying Customer	Do_Not_Contact	Street_Address	State
0	1001	Frodo	Baggins	123-545-5421	Yes	No	123 Shire Lane	Shire
1	1002	Abed	Nadir	123-643-9775	No	Yes	93 West Main Street	None
2	1003	Walter	White		N	NaN	298 Drugs Driveway	None
3	1004	Dwight	Schrute	123-543-2345	Yes	Υ	980 Paper Avenue	Pennsylvania
4	1005	Jon	Snow	876-678-3469	Υ	No	123 Dragons Road	None
4								>

fill NaN and None values

```
In [28]: df = df.fillna('')
In [29]: df['Paying Customer'] = df['Paying Customer'].str.replace('Yes', 'Y')
In [30]: df['Paying Customer'] = df['Paying Customer'].str.replace('No', 'N')
```

```
In [31]: df.head()
Out[31]:
```

		CustomerID	First_Name	Last_Name	Phone_Number	Customer	Do_Not_Contact	Street_Address	State
	0	1001	Frodo	Baggins	123-545-5421	Υ	No	123 Shire Lane	Shire
	1	1002	Abed	Nadir	123-643-9775	N	Yes	93 West Main Street	
	2	1003	Walter	White		N		298 Drugs Driveway	
	3	1004	Dwight	Schrute	123-543-2345	Υ	Y	980 Paper Avenue	Pennsylvania
	4	1005	Jon	Snow	876-678-3469	Υ	No	123 Dragons Road	
	4								>
In [32]:	df	['Do_Not_Co	ontact'] =	df['Do_Not	_Contact'].st	r.replace	e('Yes', 'Y')		
In [33]:	df	['Do_Not_Co	ontact'] =	df['Do_Not	_Contact'].st	r.replace	e('No', 'N')		
In [34]:	df	.head()							
Out[34]:									

	CustomerID	First_Name	Last_Name	Phone_Number	Paying Customer	Do_Not_Contact	Street_Address	State
0	1001	Frodo	Baggins	123-545-5421	Υ	N	123 Shire Lane	Shire
1	1002	Abed	Nadir	123-643-9775	N	Y	93 West Main Street	
2	1003	Walter	White		N		298 Drugs Driveway	
3	1004	Dwight	Schrute	123-543-2345	Υ	Y	980 Paper Avenue	Pennsylvania
4	1005	Jon	Snow	876-678-3469	Υ	N	123 Dragons Road	
4								>

Prepare a dataset eligible for contacting the customer

- remove Do_Not_Contact = Y rows based on index
- remove rows that have no values for Phone_Number

```
In [35]: for x in df.index:
    if df.loc[x, "Do_Not_Contact"] == 'Y':
        df.drop(x, inplace = True)

df
```

Out[35]:

Stat	Street_Address	Do_Not_Contact	Paying Customer	Phone_Number	Last_Name	First_Name	CustomerID	
Shiı	123 Shire Lane	N	Y	123-545-5421	Baggins	Frodo	1001	0
	298 Drugs Driveway		N		White	Walter	1003	2
	123 Dragons Road	N	Υ	876-678-3469	Snow	Jon	1005	4
	1209 South Street	N	N		Winger	Jeff	1007	6
	98 Clue Drive	N	N	876-678-3469	Holmes	Sherlock	1008	7
	123 Middle Earth		Υ			Gandalf	1009	8
New Yo	25th Main Street	N	Υ	123-545-5421	Parker	Peter	1010	9
Shiı	612 Shire Lane	N	Υ		Gamgee	Samwise	1011	10
	2394 Hogwarts Avenue		Υ		Potter	Harry	1012	11
	2039 Main Street	N	Υ	123-543-2345	Draper	Don	1013	12
	343 City Parkway	N	Υ	876-678-3469	Knope	Leslie	1014	13
	214 HR Avenue	N	N	304-762-2467	Flenderson	Toby	1015	14
	2395 Hogwarts Avenue	N	N	123-545-5421	Weasley	Ron	1016	15
Pennsylvan	121 Paper Avenue	N	Υ	123-643-9775	Scott	Michael	1017	16
	3498 Super Lane		Υ		Kent	Clark	1018	17
Tatooir	910 Tatooine Road	N	Υ	876-678-3469	Skywalker	Anakin	1020	19
•								4

```
In [36]: for x in df.index:
    if df.loc[x, "Phone_Number"] == '':
        df.drop(x, inplace = True)

df
```

Out[36]:

	CustomerID	First_Name	Last_Name	Phone_Number	Paying Customer	Do_Not_Contact	Street_Address	Stat
0	1001	Frodo	Baggins	123-545-5421	Υ	N	123 Shire Lane	Shiı
4	1005	Jon	Snow	876-678-3469	Υ	N	123 Dragons Road	
7	1008	Sherlock	Holmes	876-678-3469	N	N	98 Clue Drive	
9	1010	Peter	Parker	123-545-5421	Υ	N	25th Main Street	New Yo
12	1013	Don	Draper	123-543-2345	Υ	N	2039 Main Street	
13	1014	Leslie	Knope	876-678-3469	Υ	N	343 City Parkway	
14	1015	Toby	Flenderson	304-762-2467	N	N	214 HR Avenue	
15	1016	Ron	Weasley	123-545-5421	N	N	2395 Hogwarts Avenue	
16	1017	Michael	Scott	123-643-9775	Υ	N	121 Paper Avenue	Pennsylvan
19	1020	Anakin	Skywalker	876-678-3469	Υ	N	910 Tatooine Road	Tatooir
4								•

In [37]: df.reset_index(drop = True)

Out[37]:

	CustomerID	First_Name	Last_Name	Phone_Number	Paying Customer	Do_Not_Contact	Street_Address	State
0	1001	Frodo	Baggins	123-545-5421	Υ	N	123 Shire Lane	Shire
1	1005	Jon	Snow	876-678-3469	Υ	N	123 Dragons Road	
2	1008	Sherlock	Holmes	876-678-3469	N	N	98 Clue Drive	
3	1010	Peter	Parker	123-545-5421	Υ	N	25th Main Street	New York
4	1013	Don	Draper	123-543-2345	Υ	N	2039 Main Street	
5	1014	Leslie	Knope	876-678-3469	Υ	N	343 City Parkway	
6	1015	Toby	Flenderson	304-762-2467	N	N	214 HR Avenue	
7	1016	Ron	Weasley	123-545-5421	N	N	2395 Hogwarts Avenue	
8	1017	Michael	Scott	123-643-9775	Υ	N	121 Paper Avenue	Pennsylvania
9	1020	Anakin	Skywalker	876-678-3469	Υ	N	910 Tatooine Road	Tatooine
4								•