Assessment

```
In [2]: import turicreate as tc
```

```
In [3]: data = tc.SFrame('m_cf05efad0f89a530.frame_idx')
```

```
In [4]: data
```

Out[4]:

URI	name	text
<http://dbpedia.org/resource/Digby_Morrell> ...	Digby Morrell	digby morrell born 10 october 1979 is a former ...
<http://dbpedia.org/resource/Alfred_J._Lewy> ...	Alfred J. Lewy	alfred j lewy aka sandy lewy graduated from ...
<http://dbpedia.org/resource/Harpdog_Brown> ...	Harpdog Brown	harpdog brown is a singer and harmonica player who ...
<http://dbpedia.org/resource/Franz_Rottensteiner> ...	Franz Rottensteiner	franz rottensteiner born in waidmannsfeld lower ...
<http://dbpedia.org/resource/G-Enka> ...	G-Enka	henry krvits born 30 december 1974 in tallinn ...
<http://dbpedia.org/resource/Sam_Henderson> ...	Sam Henderson	sam henderson born october 18 1969 is an ...
<http://dbpedia.org/resource/Aaron_LaCrate> ...	Aaron LaCrate	aaron lacrate is an american music producer ...
<http://dbpedia.org/resource/Trevor_Ferguson> ...	Trevor Ferguson	trevor ferguson aka john farrow born 11 november ...
<http://dbpedia.org/resource/Grant_Nelson> ...	Grant Nelson	grant nelson born 27 april 1971 in london ...
<http://dbpedia.org/resource/Cathy_Caruth> ...	Cathy Caruth	cathy caruth born 1955 is frank h t rhodes ...

[59071 rows x 3 columns]
Note: Only the head of the SFrame is printed.
You can use print_rows(num_rows=m, num_columns=n) to print more rows and columns.

Number of records

In [20]: `data.shape`

Out[20]: `(59071, 3)`

Last record's name

In [5]: `data.tail()`

Out[5]:

URI	name	text
<http://dbpedia.org/resource/Rod_Wilt> ...	Rod Wilt	rod wilt is a former republican member of the ...
<http://dbpedia.org/resource/Scott_Baker_(judge)> ...	Scott Baker (judge)	sir thomas scott gillespie baker born 10 ...
<http://dbpedia.org/resource/Dragoljub_Ojdani% ...	Dragoljub Ojdani%C4%87	dragoljub ojdani serbian cyrillic born june 1 ...
<http://dbpedia.org/resource/Oz_Bengur> ...	Oz Bengur	osman oz bengur born february 23 1949 is an ...
<http://dbpedia.org/resource/Dee_Brown_(basket ...	Dee Brown (basketball, born 1968) ...	decovan kadell dee brown born november 29 1968 is ...
<http://dbpedia.org/resource/Olari_Elts> ...	Olari Elts	olari elts born april 27 1971 in tallinn estonia ...
<http://dbpedia.org/resource/Scott_F._Crago> ...	Scott F. Crago	scott francis crago born july 26 1963 twin bro ...
<http://dbpedia.org/resource/David_Cass_(footb ...	David Cass (footballer)	david william royce cass born 27 march 1962 in ...
<http://dbpedia.org/resource/Keith_Elias> ...	Keith Elias	keith hector elias born february 3 1972 in lacey ...
<http://dbpedia.org/resource/Fawaz_Damrah> ...	Fawaz Damrah	fawaz mohammed damrah arabic fawwz damra was ...

[10 rows x 3 columns]

Find the value of text whose name is given

In [11]: `data['name']`

Out[11]:
```
dtype: str
Rows: 59071
['Digby Morrell', 'Alfred J. Lewy', 'Harpdog Brown', 'Franz Rottensteiner', 'G-Enka', 'Sam Henderson', 'Aaron LaCrate',
'Trevor Ferguson', 'Grant Nelson', 'Cathy Caruth', 'Sophie Crumb', 'Jenn Ashworth', 'Jonathan Hoefler', 'Anthony Gueter
bock, 18th Baron Berkeley', 'David Chernushenko', 'Joerg Steineck', 'Andrew Pinsent', 'Paddy Dunne (Gaelic footballe
r)', 'Alexandros Mouzas', 'John Angus Campbell', 'Chris Batstone', 'Ceiron Thomas', 'Adel Sellimi', 'Faith Soloway', 'T
om Jennings', 'Vic Stasiuk', 'Anthony Caruana', 'Ian Mitchell (author)', 'Leon Hapgood', 'Emily Osment', 'Dom Flora',
'Ted Hill (mathematician)', 'Mindaugas Murza', 'Bob Reece', 'Douglas Davies', 'Freimut B%C3%B6rngen', 'Th%C3%BCring Br%
C3%A4m', 'Aharon Solomons', 'Steven Weil', 'Gary Emineth', 'Timothy Grucza', 'Bob Adams (American football)', 'Sylvie R
oy', 'Rob Sheffield', 'Michel Che', 'Jaafar Aksikas', 'Will Tuttle', 'Vanessa Ament', 'Marc Logan', 'Corey Woolfolk',
'Professor Lyrical (rapper)', 'Michelle Ye', 'Robert N. Chatigny', 'Vincent Fang (lyricist)', 'Misa Telefoni Retzlaff',
'Mary Goldring', 'Susan Westerberg Prager', 'Yohannes Yual', 'Christopher Sorrentino', 'Alexis Bhagat', 'David Vernon W
illiams', 'Guillermo Roux', 'William J. Ely', 'Alan Roper', 'Bob Havens', 'Susan Christie', 'Elizabeth Gunn (author)',
'Bo Hampton', 'Milva', 'Will Tiao', 'Quintin E. Primo III', 'Geoffrey Bayldon', 'Ulf-Dietrich Reips', 'Marcel J. Melan%
C3%A7on', 'Mike Powell (journalist)', 'Vladimir Yurchenko', 'Nobuo Uematsu', 'John Warner (writer)', 'Doug McIntosh',
'Avi Muchnick', 'Robin MacPherson', 'Judi Silvano', 'Evelin Lindner', 'Robert S. Gold', 'Agnes Baltsa', 'Zvonimir Juri%
C4%87', 'John-Paul Himka', 'Elisha Qimron', 'Robert Grant Irving', 'Sam Leach (artist)', 'Patricia Crowther (caver)',
'Katja Herbers', 'Shaka Hislop', 'Martin Iveson', 'Eva Habermann', 'Steve Castle', 'Armen Ra', 'David Shaughnessy', 'Jo
hn Reynolds (Canadian politician)', 'Dean Greig', ... ]
```

In [13]:
```python
size = len(data['name'])
size
```

Out[13]: `59071`

In [16]:
```python
def findindex():
    for i in range(0,size):
        if data['name'][i] == 'Harpdog Brown':
            out = i
            return out
```

In [17]:
```python
index = findindex()
index
```

Out[17]: `2`

In [18]: `data['text'][index]`

Out[18]: 'harpdog brown is a singer and harmonica player who has been active in canadas blues scene since 1982 hailing from vancouver he crossed tens of thousands of miles playing club dates and festivals in canada the northwestern united states and germanyover the years he has issued seven cds in 1995 his home is where the harp is won the muddy award for the best nw blues release from the cascade blues association in portland oregon as well that year it was nominated for a canadian juno for the best bluesgospel recording teamed up with graham guest on piano his cd naturally was voted 1 canadian blues album of 2010 by the blind lemon surveybrown tours extensively with his guitarist j arthur edmonds performing their electric mid1950s chicago blues either as a duo or with the full band while he is home he juggles a few combos working many venues big and small he also leads the harpdog brown band which is a gutsy traditional chicago blues band in 2014 they released what it is comprising mainly original songs and a few classic covers influential blues promoter and broadcaster holger petersen called what it is browns best albumhe was just awarded the maple blues award in toronto for best harmonica player in canada 2014 and was honored with a life time membership to the hamilton blues society'

Sort the data based on text in ascending

In [24]: `data.sort('text',ascending = True)`

Out[24]:

URI	name	text
<http://dbpedia.org/resource/108_(artist)> ...	108 (artist)	108 born 1978 is an italian artist in the ...
<http://dbpedia.org/resource/1.8.7> ...	1.8.7	187 is a pseudonym for jordana lesesne a ...
<http://dbpedia.org/resource/Diane_Carlson_Evans> ...	Diane Carlson Evans	1lt diane carlson evans anc rvn born 1946 served ...
<http://dbpedia.org/resource/Robert_Godley> ...	Robert Godley	1robert godley b 7 july 1971 in whitstable kent ...
<http://dbpedia.org/resource/Lisa_Mullins> ...	Lisa Mullins	2012 gracie award winner lisa mullins is an ...
<http://dbpedia.org/resource/Martijn_Meeuwis> ...	Martijn Meeuwis	250px250pxmartijn meeuwis born july 14 1982 in ...
<http://dbpedia.org/resource/8_Ball_Aitken> ...	8 Ball Aitken	8 ball aitken born 8 june 1987 is an australian ...
<http://dbpedia.org/resource/8th_Arjia_Rinpoche> ...	8th Arjia Rinpoche	8th agya hotogtu lobsang tubten jigme gyatso ...
<http://dbpedia.org/resource/Jim_Gould> ...	Jim Gould	a canadian foreign affairs intelligence ...
<http://dbpedia.org/resource/David_L._Holmes> ...	David L. Holmes	a church historian david l holmes is walter g ...

[59071 rows x 3 columns]

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In [ ]: