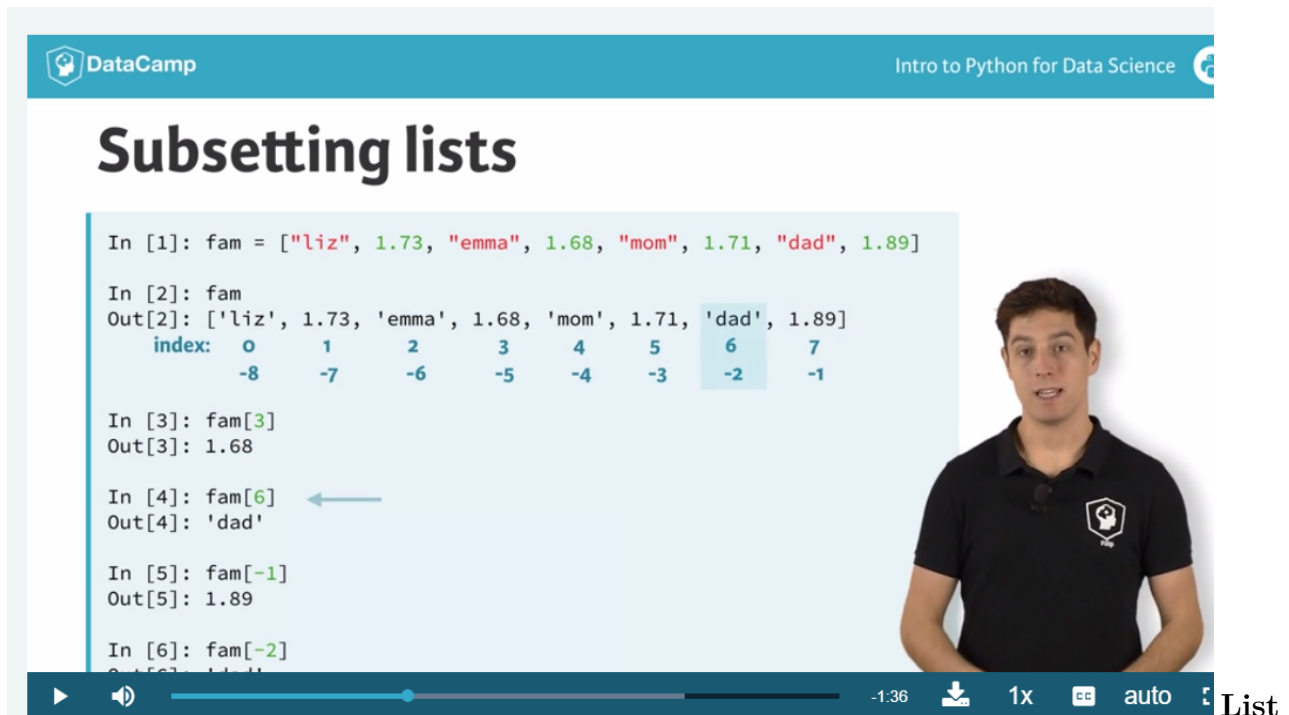


Some Python code

1 Subsetting List



The screenshot shows a video player interface for a DataCamp course titled "Intro to Python for Data Science". The video content is titled "Subsetting lists". The code displayed in the video is as follows:

```
In [1]: fam = ["liz", 1.73, "emma", 1.68, "mom", 1.71, "dad", 1.89]

In [2]: fam
Out[2]: ['liz', 1.73, 'emma', 1.68, 'mom', 1.71, 'dad', 1.89]
index:  0      1      2      3      4      5      6      7
       -8     -7     -6     -5     -4     -3     -2     -1

In [3]: fam[3]
Out[3]: 1.68

In [4]: fam[6]
Out[4]: 'dad'

In [5]: fam[-1]
Out[5]: 1.89

In [6]: fam[-2]
Out[6]: 1.71
```

The video player includes a progress bar at the bottom showing -1:36, a download icon, a 1x speed setting, a CC icon, and an auto setting. A presenter is visible on the right side of the video frame.

Slicing :

```
list ['liz', 1.73, 'emma', 1.68, 'mom', 1.71, 'dad', 1.89]
list [3:5]
//Terminate:
[1.68, 'mom']
```

2 Add to list

```
# Create the areas list and make some changes
areas = ["hallway", 11.25, "kitchen", 18.0, "chill zone", 20.0,
        "bedroom", 10.75, "bathroom", 10.50]

# Add poolhouse data to areas, new list is areas_1
areas_1 = areas + ["poolhouse", 24.5]
print(areas_1)
```

```
# Add garage data to areas_1, new list is areas_2
areas_2 = areas_1 + ["garage", 15.45]
print(areas_2)
```

3 Delete list element

```
x = ["a", "b", "c", "d"]
del(x[1])
print(x)
```

Then we have: ['b','c','d']

4 Inner workings on lists

```
# Create list areas
areas = [11.25, 18.0, 20.0, 10.75, 9.50]

# Create areas_copy
areas_copy = areas

# Change areas_copy
areas_copy[0] = 5.0

# Print areas
print(areas)
```

5 Print type of Function

```
result = type(3.0)
# Assign type of function 3.0 for variable 'result'
print(result)
# Print 'result'
```

6 Length of type

```
result = 3.0 + 2.5
# Assign the value for result
print(len(result))
# Print the length of 'result'
```

7 Show Help in Python

```
# Show sth about the code you need
help(function,...)
```

8 Sorted

```
# sorted() take three arguments(iterable,key,reverse)
# If you don't spectify anything in sorted() then key=None, reverse=true
(decending order)
sorted(iterable, [key], [reverse=])
```