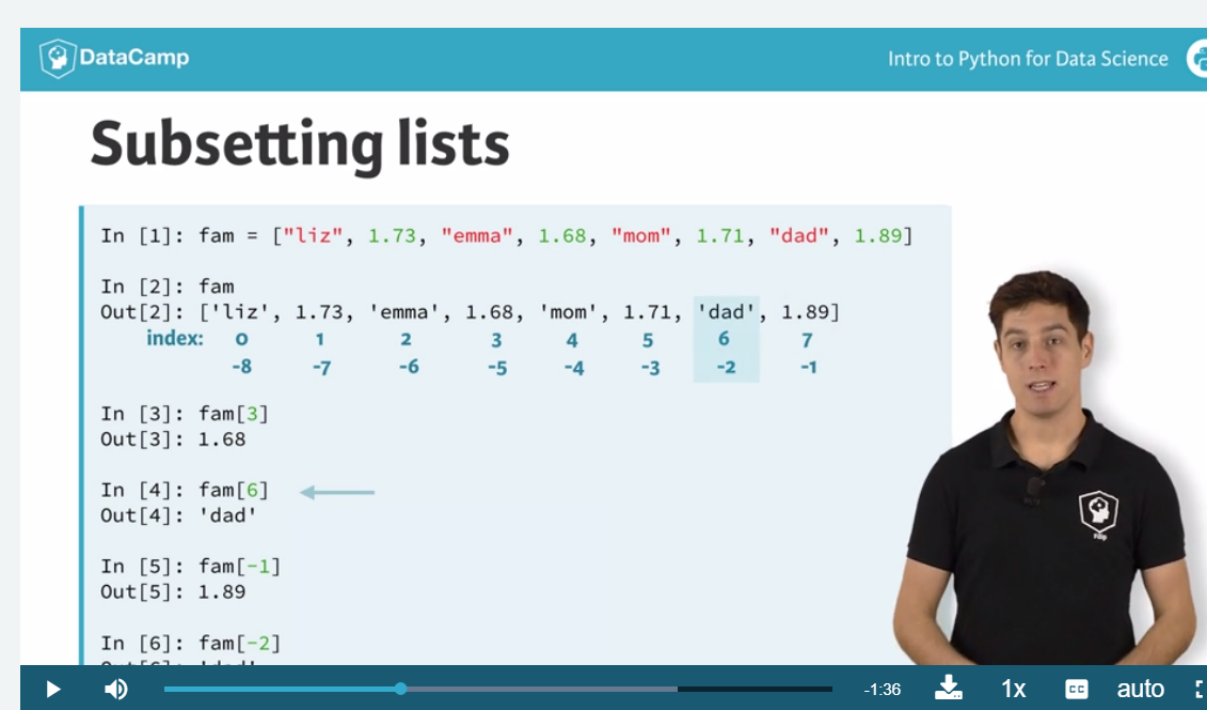
Some Python code

1 Subsetting List



List 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'
```