

# DAILY ASSESSMENT FORMAT

|                           |   |                                |                   |
|---------------------------|---|--------------------------------|-------------------|
| <b>Course:</b>            | <b>Python for Data Science</b>  | <b>Name:</b>                   | <b>Bindu.N.R</b>  |
| <b>Link:</b>              | <a href="https://cognitiveclass.ai/courses">https://cognitiveclass.ai/courses</a> | <b>USN:</b>                    | <b>4AL17EC101</b> |
| <b>Org By :</b>           | <b>IBM</b>  | <b>Semester &amp; Section:</b> | <b>6-B</b>        |
| <b>Github Repository:</b> | <b>Bindunr-python</b>   | <b>Date:</b>                   | <b>10/06/2020</b> |

Progress on 10-06-2020

## • Topic Completed Today

courses.cognitiveclass.ai/courses/course-v1:Cognitiveclass+PY0101EN+v2/courseware/76d637cbe8024e509dc445df847e6c3a/d5af8a2edda048bb9b256904e0ae9193/?child=first

PY0101EN - Sets 5:12

### Set Operations

$A = \{\text{"Thriller"}, \text{"Back in Black"}, \text{"AC/DC"}\}$

"Thriller", "Back in Black", "AC/DC"

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not be present.  
You can convert a list to a set by using the function set; this is called type-casting.  
You simply use the list as the input to the function set.  
The result will be a list converted to a set. Let's go over an example  
We start off with a list. We input the list to the function set.  
The function set returns a set. Notice how there are no duplicate elements.  
Let's go over Set Operations; these can be used to change the set.  
Consider the set "A". Let's represent this set with a circle.  
**If you are familiar with sets this can be part of a Venn diagram.**  
A Venn diagram is a tool that uses shapes usually to represent sets.  
We can add an item to a set using the add method.  
We just put the set name followed by a dot, then the add method.  
The argument is the new element of the set we would like to add, in this case, "NSYNC".  
The set "A" now has "NSYNC" as an item. If we add the same item twice, nothing will happen as there can be no duplicates in a set.  
Let's say we would like to remove NSYNC from set A.  
We can also remove an item from a set using the remove method.

1:19 / 5:12

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