

# DAILY ASSESSMENT FORMAT

<b>Course:</b>	<b>Machine learning with Python</b>	<b>Name:</b>	<b>Bindu.N.R</b>
<b>Link:</b>	<b><a href="https://cognitiveclass.ai/courses">https://cognitiveclass.ai/courses</a></b>	<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>16/06/2020</b>

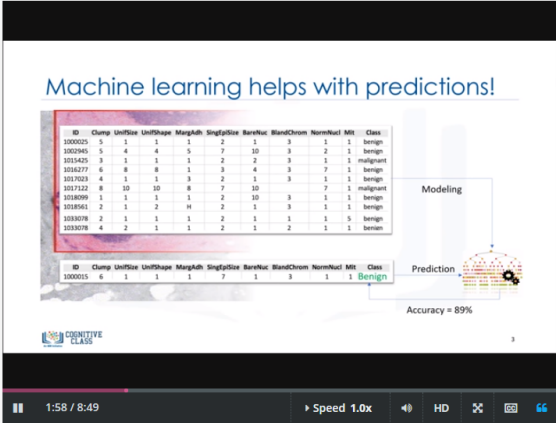
**Progress on 16-06-2020**

## • Topic Completed Today

Intro to Machine Learning (8:49)

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Intro to Machine Learning (8:49)



The video player shows a slide titled "Machine learning helps with predictions!". The slide contains a table of breast cancer data and a diagram of the machine learning process.

ID	Clump	UnifSize	UnifShape	MargHof	SingSize	BareNuc	BlandChrom	NormNuc	Mit	Class
1000021	5	1	1	1	2	1	3	1	1	benign
1002945	5	4	4	5	7	10	3	2	1	benign
1014475	3	1	1	1	2	2	3	1	1	malignant
1015271	6	8	8	1	3	4	3	2	1	benign
1017021	4	1	1	3	2	1	3	1	1	benign
1017122	8	10	10	8	7	10	7	1	1	malignant
1018091	1	1	1	1	2	10	3	1	1	benign
1018561	2	1	2	H	2	1	3	1	1	benign
1033078	2	1	1	1	2	1	1	1	1	benign
1033078	4	2	1	1	2	1	2	1	1	benign

Modeling

Prediction

Accuracy = 89%

early indication of whether a new sample might be benign or malignant.

You should clean your data, select a proper algorithm for building a prediction model, and train your model to understand patterns of benign or malignant cells within the data.

Once the model has been trained by going through data iteratively, it can be used to predict your new or unknown cell with a rather high accuracy.

This is machine learning!

**It is the way that a machine learning model can do a doctor's task or at least help that doctor make the process faster.**

Now, let me give a formal definition of machine learning.

Machine learning is the subfield of computer science that gives "computers the ability to learn without being explicitly programmed."

Let me explain what I mean when I say "without being explicitly programmed."

Assume that you have a dataset of images of animals such as cats and dogs, and you want

# • Progress Report

