**Machine Learning with Python workshop series by IBM**

IBM is conducting "Machine Learning with Python" workshop series for the engineering students starting from Aug 27th.

**Objective:**

This Machine Learning with Python course dives into the basics of Machine Learning using Python. You'll learn about Supervised vs Unsupervised Learning, look into how Statistical Modeling relates to Machine Learning, and do a comparison of each. Look at real life examples of Machine Learning and how it affects society in ways you may not have guessed!

**Outcome:**

Student will understand how to analyze data.

Student will create visualization for better understanding of data

Student will understand standard ML algorithms and will be in a position to decide which algorithm suits for what kind of data

Please find more details about the program  
  
Overall 1 registration link for entire program which college can share with students is

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| <http://bit.ly/ibmmlworkshopsignup> |

Note: Every student should register before attending the course.

**Schedule:**  
1. ML with Python, workshop 1 - 27 Aug - Thursday - 3pm to 5pm - link to join: <https://bit.ly/mlworkshop1>

**Topics: Python for ML**

\* Python basics

\* Functions

\* Oops"

2. ML with Python, workshop 2 - 03 Sep - Thursday - 3pm to 5pm - link to join: <https://bit.ly/mlworkshop2>

**Topics: Data Analysis & Visualization**

\* NumPy

\* Pandas

\* Matplotlib

3. ML with Python, workshop 3 - 10 Sep - Thursday - 3pm to 5pm - link to join: <http://bit.ly/mlworkshop03>

**Topics: Supervised Learning**

\* Linear Regression

\* Model Building steps

\* Error Metrics

\* Accuracy

4. ML with Python, workshop 4 - 17 Sep - Thursday - 3pm to 5pm - link to join: <http://bit.ly/mlworkshop04>

**Topics: Supervised Learning**

\* Logistic Regression

\* Sigmoid Curve

\* Confusion Matrix

5. ML with Python, workshop 5 - 24 Sep - Thursday - 3pm to 5pm - link to join: <http://bit.ly/mlworkshop05>

**Topics: Unsupervised Learning**

\* Clustering

\* K Means Clustering.

\* Interpreting the Clusters

6. ML with Python, workshop 6 - 01 Oct - Thursday - 3pm to 5pm - link to join: <http://bit.ly/mlworkshop06>

**Topics:**

Decision Tree and

Random Forest

Student will get a chance to earn IBM Badges (Digital Certification)

Students of all years are eligible to participate in the program.

Interested students are informed to utilize this program and build skills in Python and Machine Learning

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