

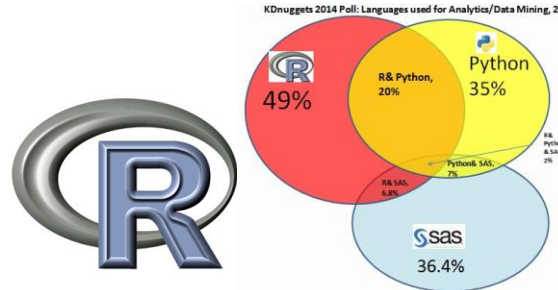
# ***FREE Data Analytics in R Workshop - at UEMCON***

**2:00pm - 5:30pm**

**Saturday, 21 October 2017**

*Room No: Garden Room 1*

*Columbia University, Faculty House, New York, USA.*



IEEE UEMCON 2017 which will provide an opportunity for researchers, educators and students to discuss and exchange ideas on issues, trends, and developments in Information Technology, Electronics and Mobile Communication. The organizing committee has graciously offered to provide 100 Student, on a first-come, first-served basis, with a FREE one day Workshop to promote academic projects in Data Science among enthusiastic students.

The Workshop Chair will be **Prof. Dr. Satyajit Chakrabarti** of the Institute of Engineering and Management. The Workshop will cover the following topics:

1. Data Manipulation and Analytics in R
2. Project in Sentiment Analysis
3. Project in Airline Sentiment analysis using Twitter.

The projects will be executed using Windows Operating System and R for Windows.

The following software will be required during the workshop:

- a. R (<https://cran.r-project.org/bin/windows/base/>)
- b. Context Editor (<http://www.contexteditor.org/index.php>),  
also install R highlighter in Context
- c. Twitter Account – (<https://twitter.com/>)
- d. Twitter authentication Tutorial (<http://www.portal-statistik.com/2015/10/how-to-get-twitter-authentication-using.html>)
- e. Create Twitter authentication (<https://apps.twitter.com/>)
- f. Download the zip file from the tutorial (<https://github.com/jeffreymbreen/twitter-sentiment-analysis-tutorial-201107> )
- g. Read the tutorial (<https://jeffreymbreen.wordpress.com/2011/07/04/twitter-text-mining-r-slides/> )

For additional Information, please email Prof. Dr. Satyajit Chakrabarti at ***satyajit.chakrabarti@iemcal.com***

Students MUST bring their personal **Windows laptops with R installed and Twitter account and Twitter authentication setup completed.**

**Register for the Workshop by emailing me with subject line “your Name, Course of Study, University Affiliation”**

Dr. Satyajit Chakrabarti

*Chair, IEEE UEMCON 2017*