



One Day Workshop on Data Science & Big Data Analytics

9th October 2016 @ PGIS, Peradeniya

Applications are called for the above one-day workshop organized by the Department of Statistics and Computer Science, Faculty of Science, University of Peradeniya in collaboration with the Board of Study in Statistics and Computer Science of the Postgraduate Institute of Science (PGIS) to be held at the PGIS on 9th October 2016 from 8:00 am to 5.00 pm.

COURSE OVERVIEW

Data Science and Big Data Analytics have become one of the leading tools in today's industrial decision making process. It has opened up great demand for professionals, who have skills in Data Science and Big Data Analytics. Collection of Data and above skills will be the Capital for outperforming ventures in future. This is the right time for you to acquire the necessary skills.

The main objective of this workshop is to give an introductory insight in to Data Science and Big Data Analytics with theoretical background together with practical exposure. Practicals will be conducted using real-world examples and open source software R and Vowpal Wabbit.

TARGET PARTICIPANTS

The intended audience for the workshop are Research Students, Academics and Professionals in public / private sector who are interested on Data Science and Big Data Analytics with a plan to become future experts in the field. Familiarity with basic statistical methods is expected. Experience with R statistical Software is desirable, but not necessary.

RESOURCE PERSON

Dr. Rukshan Batuwita (B.Sc., Ph.D.)
Senior Data Scientist, Ambiaata, Australia

Prof. H.M.D. Namal Priyantha
Director, Postgraduate Institute of Science

WORKSHOP OUTLINE

9th October, 2016 (8.00 am - 5.00 pm)

- General Introduction to Statistical Modeling / Machine Learning.
- Main Technologies and Applications of Industrial Data Science.
- Introduction to Big Data Analytic life cycle.
- Small scale modelling in R
- Large scale modelling in Vowpal Wabbit.

WORKSHOP FEE

Rs. 10,000/- (Includes tea and all workshop materials)

Mode of payment of workshop fee:

- Deposit to the PGIS A/C No. **057100161338035** at **People's Bank, Peradeniya** using the Paying-in-Voucher downloadable from the PGIS website: www.pgis.lk (under 'EVENTS') or
- By cheque made in favour of '**Postgraduate Institute of Science**' or
- By cash: Accepted only at the shroff counter of the PGIS during weekdays.

COORDINATORS

Dr. Roshan Dharshana Yapa, Dept. of Statistics & Computer Science, University of Peradeniya.
Tel.: 0718184896, Email: roshany@pdn.ac.lk

Mr. Pathum Chamikara, Dept. of Statistics & Computer Science, University of Peradeniya.
Tel: 0718016715, Email: chamikara@pdn.ac.lk

FOR DETAILS AND APPLICATION FORMS

The application form can be downloaded from the website – www.pgis.lk. Submit the completed application form with the full payment on or before **5th October 2016** to: **Deputy Registrar**, Postgraduate Institute of Science, University of Peradeniya, P.O. Box 25, Peradeniya (Fax: **081-2389026**).

POSTGRADUATE INSTITUTE OF SCIENCE (PGIS)

UNIVERSITY OF PERADENIYA