TWO-DAY WORKSHOP ON
DATA ANALYSIS IN R
USING STATCRAFT
18TH and 19TH SEPTEMBER 2019

STAT CRAFT

ABOUT THE UNIVERSITY

Pandit Deendayal Petroleum University, **Gandhinagar :** promoted by Gujarat State Petroleum Corporation (GSPC) is a domain specific university in the field of energy education and research with a special focus on the oil and gas sector. The University is recognized by UGC.

PDPU currently addresses the need for trained and specialized human resource for all Industries worldwide. It helps to expand the opportunities for students and professionals to develop intellectual knowledge base with leadership skills to compete in the global arena. All these are accomplished through a number of specialized and well planned undergraduate and post graduate energy education programme and intensive research initiatives.

SPM At A Glance : To cater to the managerial manpower requirements of the Energy and Infrastructure Sector, the Management School was first established as the Institute of Petroleum Management, Gandhinagar (IPMG) in 2006 by GERMI (Gujarat Energy Research and Management Institute), a trust and a society formed by GSPC (Gujarat State Petroleum Corporation), a Government of Gujarat undertaking. Subsequently in 2007, when Pandit Deendayal Petroleum University (PDPU) was established by GERMI, IPMG became the constituent of PDPU and changed its name to School of Petroleum Management (SPM).SPM has been successfully conducting MBA programme since 2006.

PROFILE OF THE RESOURCE PERSON

Mr. Saurabh Agarwal

He is a graduate and post graduate engineer from IIT Kanpur and IIT Delhi. He is a trainer to Great Learning, Chennai & EICT Academy IIT Guwahati. He is a consultant to IBM and UNESCO for Business Analytics. He has conducted international workshops / trainings for Saudi Aramco(biggest oil refinery in world), Kiatanin Bank Bangkok, KBM Kuwait, Ministry of Road Transport Abu Dhabi and prominent domestic trainings at AIMA, New Delhi, Symbiosis University, Pune, KJSIOM, Mumbai, VGSOM, IIT Kharagpur, Ernst & Young Trivandrum. He has published paper on Integrating Alternate Payment Channels and was presented in The Fourth International Conference on Payment Channels organized by Banknet India, Mumbai. His paper on Strategic Business Decision for Managers – An approach to ERP Evaluation was presented at conference on Role of Decision Making in Management organized by IMT Nagpur. The paper was then published as a chapter in a book Role of Management Science in Decision Making published by Excel India Publishers, New Delhi, which is also used as a text book.

Register for the workshop on our e-mail mdpspm@pdpu.ac.in, by mailing us the following details:
Name, Organization, Date of Birth, Educational Qualifications, Mobile No., E-mail, LinkedIn Profile link (if any)
MDP Office shall register your candidature and mail you the bank details for transfer of MDP fees after receiving the registration details from you.

Organizing committee: Business Analytics Lab at SPM PDPU

Please fill up your details
CLICK HERE

Registration Fees
Rs 1500 (inclusive of GST) per participant
Coordinating Person
Dr. Tanushri Banerjee, E-mail Id: tanushri.banerjee@spm.pdpu.ac.in

WORKSHOP ON DATA ANALYSIS IN R USING STATCRAFT

DAY - 1 (SEPTEMBER 18, 2019)	
TIMING	CONTENT
10:30 am - 11:45 am	• Introduction to R • Basic Operations • Different types of variables in R • Vectors • Arithmetic Operations on Vectors • Matrix and Data Frame
Tea Break (11:45 am – 12:00 pm)	
12:00 pm - 1:30 pm	• Packages and Libraries in R • Importing and Exporting Datasets in R • Descriptive Statistics using R • Graphical Representation using R • Correlation using R • Linear Regression Using R
Lunch Break (1:30 pm – 2:30 pm)	
2:30 pm – 3:30 pm	• Introduction to STATCRAFT • Importing and Exporting datasets in STATCRAFT • Data Preparation (Derive, Recode, Lead/Lag, Flag, Imputing Missing Values) • Data Filtering in STATCRAFT
Tea Break (3:30 pm – 3:45 pm)	
3:45 pm – 5:00 pm	• Graphical Representation using STATCRAFT • Correlation using STATCRAFT
DAY - 2 (SEPTEMBER 19, 2019)	
10:30 am- 11.45 am	• ANOVA using R • t-test using R • Chi Square using R • Logistic Regression using R
Tea Break (11:45 am – 12:00 pm)	
12:00 pm - 1:30 pm	• Linear Regression using STATCRAFT • ANOVA using STATCRAFT • t-test using STATCRAFT
Lunch Break (1:30 pm – 2:30 pm)	
2:30 pm – 3:30 pm	• Logistic Regression using STATCRAFT • Chi Square using STATCRAFT
3:30 pm – 5:00 pm	• ANN using STATCRAFT • CART using STATCRAFT

*Residential arrangements can be made as per request at PDPU Campus/attached campuses at applicable rates (additional) on first come-first serve basis. Candidates are also at their discretion to make their own arrangements, if needed.