

INVITATION FOR STATISTICAL ANALYSIS USING R

Good day!

R is being used worldwide. It is used in almost every industry, ranging from finance, banking to medicine and manufacturing. Many companies both international and national are adopting the use of R to cater to their data/statistical analysis requirement. Hence, it is important that we learn how to use and understand the basics of R language since it has become ubiquitous in the field of research and management.

R plays a very important role in Data Science. It is great for visualization and has far more capabilities as compared to other tools. For data-driven businesses, the lack of Data Scientists is a huge concern. Companies are using R programming as their core platform and are recruiting trained R programmers. Hence, STRAT One is inviting you to attend our training-workshop titled: **Statistical Analysis using R on April 16, 17 & 24, 2021 via Zoom (minimum of 7 hours daily).**

The registration fee is P2500.00 inclusive of 12% VAT, digital handouts, datasets, installer of R, digital certificates (of participation, completion, and attendance), recording of the webinar and the learning experience.

In connection to this, we would like to invite your faculties to attend our upcoming virtual training.

The objectives of the training-workshop are the following:

- *Understand how each statistical analysis work such as the assumption and data requirements.***
- *Learn how to run the statistical analysis using R.***
- *Identify the right statistical tool for a specific business or research problem.***

The methodology of the training-workshop is to discuss the theoretical background and the purpose of the statistical test. On the succeeding days, participants will engage in an extensive workshop using R.

STRAT One has been operating for a year now, catering to the market research and training requirements of BPOs, various government agencies, and academic institutions here in the country. The STRAT One (Strategic One Business Management Consultancy Firm) is an emerging business that provides “world-class” webinars, training, seminar, and conferences at an affordable price for the market. We believe that learning management, marketing, business strategy, data science, and research should be affordable for us (the Philippines) to emerge as a leading business destination in the ASEAN. Moreover, STRAT One aims to democratize analytics here in the Philippines.

Since the last quarter of 2019 CHED temporarily stopped the issuance of CHED endorsements. Hence, our fees are aligned to the DBM memorandum on National Budget Circular no. 563 series of 2016.

To register (copy-paste the link to your web browser): <https://forms.gle/chh8tc7v8PTWrAVz6>

Payment details:


Account Name: Strategic One Business Management Consultancy Firm

Account Number: 3831-0043-38

Bank: Landbank of the Philippines (Alabang Business Center Branch)



Thank you and have a great year!

Regards,



Joseph Mythor D. Francisco, MBA
(Doctor of Business Administration – Candidate)
Executive Director, STRAT One
Yakal Road, Tunasan, Muntinlupa City
Tel. no: 02-8-801-5903/09984604375

The speakers:

 <p>Ms. Sandy Abogada</p> <ul style="list-style-type: none"> • Data Scientist • Statistician/Consultant • Professor at the Polytechnic University of the Philippines • MS Applied Statistics – PUP Manila • BS Statistics – Western Mindanao State University 	 <p>Paolo Hilado</p> <ul style="list-style-type: none"> • Data Scientist • Director for Research and Planning - Colegio San Agustin Bacolod • Certificate in Data Science and Connectivity to Artificial Intelligence - Johns Hopkins University, Baltimore Maryland • Micromasters in Data Science - University of California San Diego • Post Graduate Diploma in Research and Development Management - University of the Philippines Open University, Los Baños, Laguna • Masters Degree in Nursing - West Negros University
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Program of Activities

Day 1: Fundamentals of Statistical Analysis - Lecture

Opening of the workshop (Doxology, National Anthem and opening remarks)	8:45AM to 9:00AM
Introduction to R (interface and environment)	9:01AM to 10:30AM
Recess/Break	10:31AM to 10:45AM
Exploratory Data Analysis/Data Cleaning	10:46AM to 11:10AM
Introduction to Non Parametric Test: Chi-square test of Independence, Mann-Whitney U Test, Kruskal Wallis-H	11:11AM to 11:59AM
Lunch Break	12:00PM to 1:00PM
Introduction to Parametric Test: Paired Samples T-test, Independent Samples T-test, One-way ANOVA	1:01PM to 2:30PM
Correlation Analysis: Pearson, Spearman and Kendal Tau	2:31PM to 4:00PM

Dismiss

Day 2: Workshop

<i>Tete a Tete (participants may consult the speakers through breakout rooms)</i>	8:45AM to 9:00AM
<i>Introduction to R (interface and environment)</i>	9:01AM to 10:30AM
Recess/Break	10:31AM to 10:45AM
<i>Running an Exploratory Data Analysis/Data Cleaning using R</i>	10:46AM to 11:59AM
Lunch Break	12:00PM to 1:00PM
<i>Activity: Running Chi-square test of Independence, Mann-Whitney U Test, Kruskal Walis-H</i>	1:01PM to 2:30PM
Break/Recess	2:31PM to 2:45PM
<i>Continuation, Running Chi-square test of Independence, Mann-Whitney U Test, Kruskal Walis-H</i>	2:46PM to 4:00PM
Dismiss	

Day 3: Workshop

<i>Running Parametric Test: Paired Samples T-test, Independent Samples T-test, One-way ANOVA</i>	9:01AM to 10:30AM
Recess/Break	10:31AM to 10:45AM
<i>Continuation, Paired Samples T-test, Independent Samples T-test, One-way ANOVA</i>	10:46AM to 11:10AM
<i>Running Correlation Analysis: Pearson, Spearman and Kendal Tau</i>	11:11AM to 11:59AM
Lunch Break	12:00PM to 1:00PM
<i>Activity: Identifying the right statistical test and running the test using R</i>	1:01PM to 2:30PM
Break/Recess	2:31PM to 2:45PM
<i>Activity: Identifying the right statistical test and running the test using R</i>	2:31PM to 4:00PM
Dismiss	