

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:

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.

START 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.

^{*}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.



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. Wancisco, MBA

(Doctor of Business Administration – Candidate)

Executive Director, STRAT One

Yakal Road, Tunasan, Muntinlupa City Tel. no: 02-8-801-5903/09984604375





The speakers:



Ms. Sandy Abogada

- **Data Scientist**
- Statistician/Consultant
- **Professor** at the Polytechnic University of the Philippines
- MS Applied Statistics PUP Manila
- **BS Statistics** Western Mindanao State University



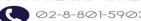
Paolo Hilado

- 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

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,	11:11AM to 11:59AM
Kruskal Walis-H	
Lunch Break	12:00PM to 1:00PM
Introduction to Parametric Test: Paired Samples T-test, Indpendent 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

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

Day 3: Workshop

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