



# ArabiStat

Statistical Analysis and Consulting

Statistics

WITH

R

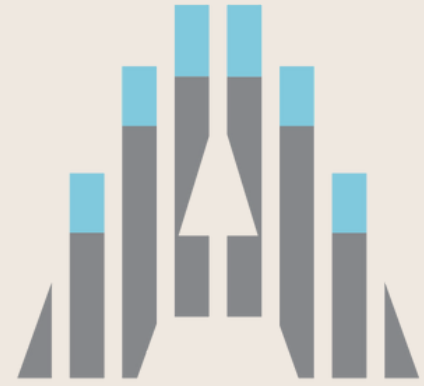
LEVEL 1



# Course Content

## Level II

Lecture #	Lecture Title	Lecture details
I	Descriptive statistics	<b>Statistics</b> Introduction to statistics Types of Data in Statistics Descriptive statistics Central tendency & Dispersion Summarizing categorical Variables



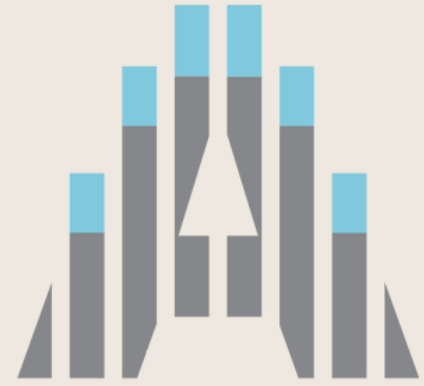
# Course Content

Lecture #	Lecture Title	Lecture details
<b>II</b>	<b>Regression I</b>	<b>Summarizing relation between two different variables</b> <b>Simple linear regression</b> <b>Assessing model fit</b>

# Course Content



Lecture #	Lecture Title	Lecture details
III	Regression II	<p>Different mathematical forms of predictors</p> <p>Interactions</p> <p>Parallel Slopes</p> <ul style="list-style-type: none"><li>• Multiple linear regression</li></ul>



# Course Content

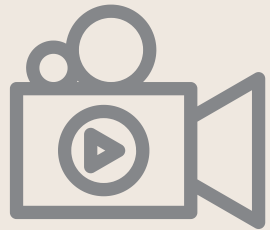
Lecture #	Lecture Title	Lecture details
IV	Regression III	Simple Logistic Regression Odds Odds Ratio Multiple logistic Regression

## Final Project



# ArabiStat

Statistical Analysis and Consulting



- **All sessions are recorded .**



- **After each session we send lecture's material and recording link.**



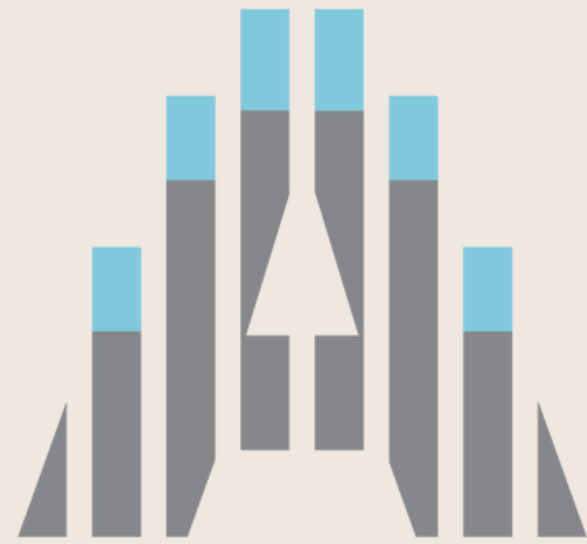
- **You will get a certificate from ArabiStat.**

To Enroll in this Program  
You should Know



R

(data types, data structure, conditions  
and loops, dplyr, ggplot2 )

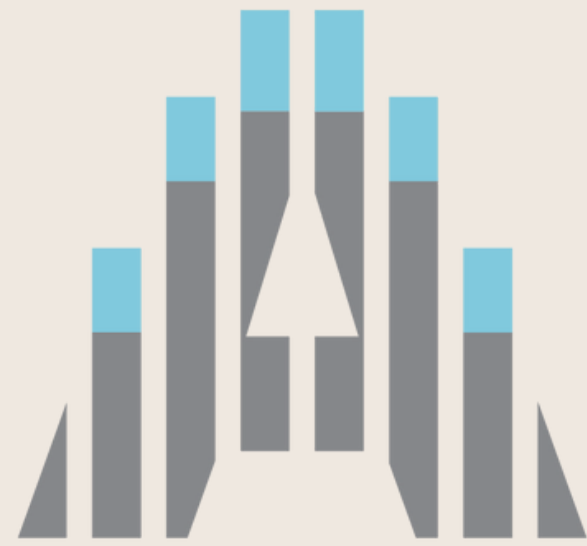


# ArabiStat

Statistical Analysis and Consulting

**If you are NOT a statistician  
You are Very Welcome to Learn Statistics  
with ArabiStat**





# ArabiStat

Statistical Analysis and Consulting

## Instructor

**Dr. Mariam Metawe'e DataScientist**

### Education

#### Statistics

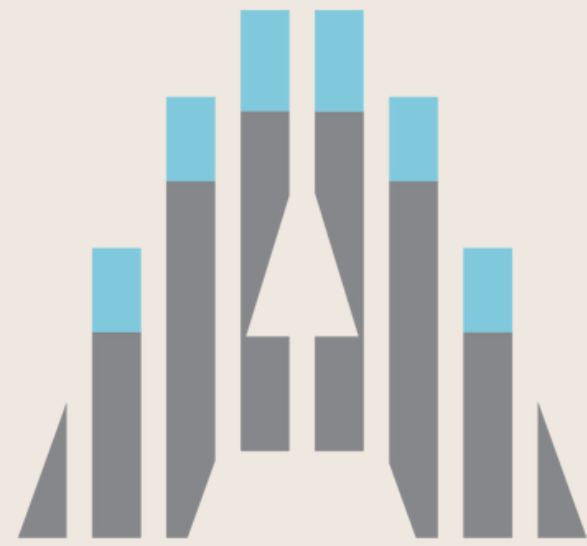
- PhD in statistics (on progress)
- Master degree in Statistics
- Two years diploma in mathematics and statistics

#### Medicine

- Master degree in Experimental medicine and drug design
- Diploma in Experimental medicine
- Bachelor degree in Veterinary medicine.

### Programming

- Machine Learning with python - Best Developer at ElectroPI
- Certified data analysis using python from DataCamp
- R programming in FGSSR



# ArabiStat

Statistical Analysis and Consulting

## Instructor

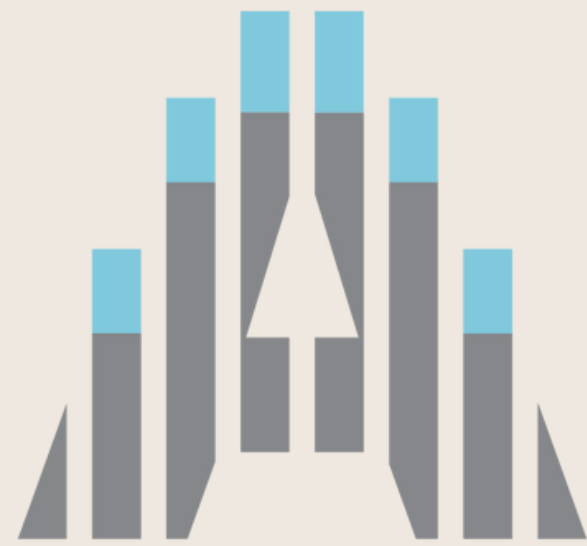
**Dr. Mariam Metawe'e DataScientist**

### About

**Academic and Practical experience in Two Majors: Veterinary Medicine and Data Science. Over 10 years experience in data analysis of Biological data, and over 1000 hours teaching DataScience (programming using Python or R, Statistics and Machine Learning).**



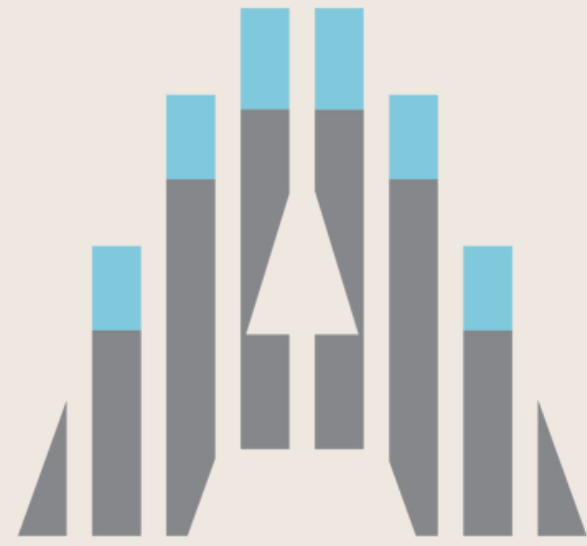
<https://www.linkedin.com/in/mariam-metawe-e-13864656/>



# ArabiStat

Statistical Analysis and Consulting

**ArabiStat combines the power of statistical and mathematical knowledge along with the efficiency of programming.**



# ArabiStat

Statistical Analysis and Consulting

big  
Thanks!