



ArabiStat

Statistical Analysis and Consulting

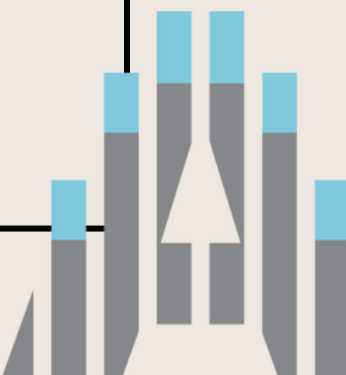


Using AI in Data Analysis (Python)

Level 1

Python programming I "24 hrs"

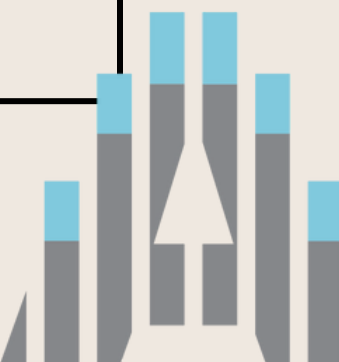
Lecture	Lecture Title	Projects /Data General
I	Data Types structure	Hotel booking demand data
II	Python functions and methods	
III	python conditions and loops	
IV	Pandas	



Level 2

Python programming II “24 hrs”

Lecture	Lecture Title	Projects /Data General
I	Intermediate python (map, reduce and filter)	Hotel booking demand data
II	Object oriented programming	
III	Files and Handling errors	
IV	Python Project	



Level 3

Data analysis I “24 hrs”

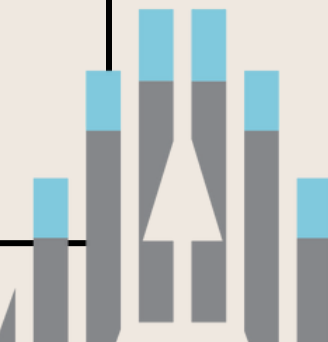
Lecture	Lecture Title	Projects /Data General
I	Descriptive Statistics I	Uber Pickups in New York City. Student performance exam. Mobile price classification.
II	Descriptive Statistics II	
III	Data visualization matplotlib	
IV	Data Cleaning Handling missing values Handling outliers	



Level 4

Data analysis II "24 hrs"

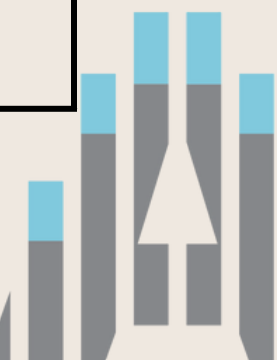
Lecture	Lecture Title	Projects /Data General
I	Hypothesis testing I	Data Scientist salary
II	Hypothesis testing II	
III	Data visualization using Seaborn	
IV	Project	



Level 5

Machine Learning I “24 hrs”

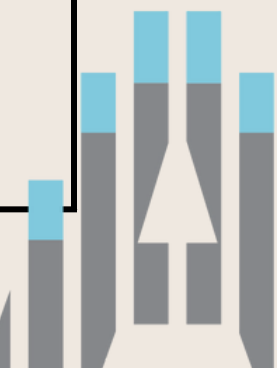
Lecture	Lecture Title	Projects/data General
I	Statistical modelling	Predicting salary
II	Regression	Predict restaurant revenue
III	Classification	Churn prediction
IV	Clustering	Credit Card Dataset



Level 6

Machine learning II “24 hrs”

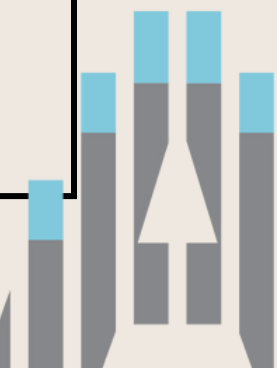
Lecture	Lecture Title	Projects/data General
I	Bagging and boosting	Churn prediction
II	Cross Validation	
III	Hyper parameter tuning	
IV	Project	



Level 7

Deep Learning I "24 hrs"

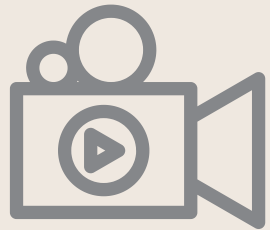
Lecture	Lecture Title	Projects/data
I	Numpy	
II	ANN	Predicting salary
III	CNN I	Fire and Smoke Dataset
IV	CNN II	





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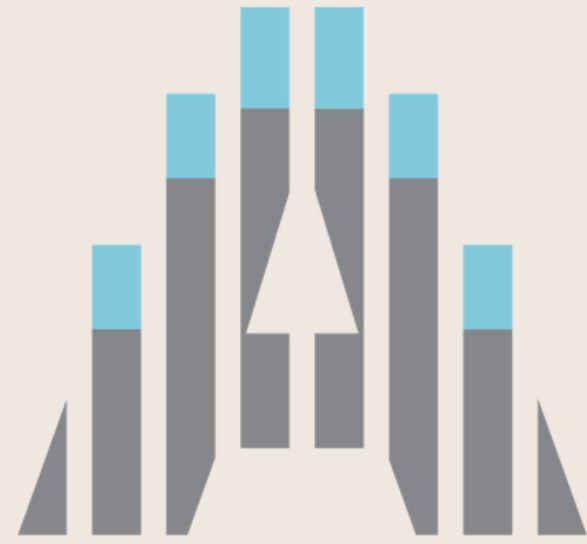
- **All sessions are recorded .**



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



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

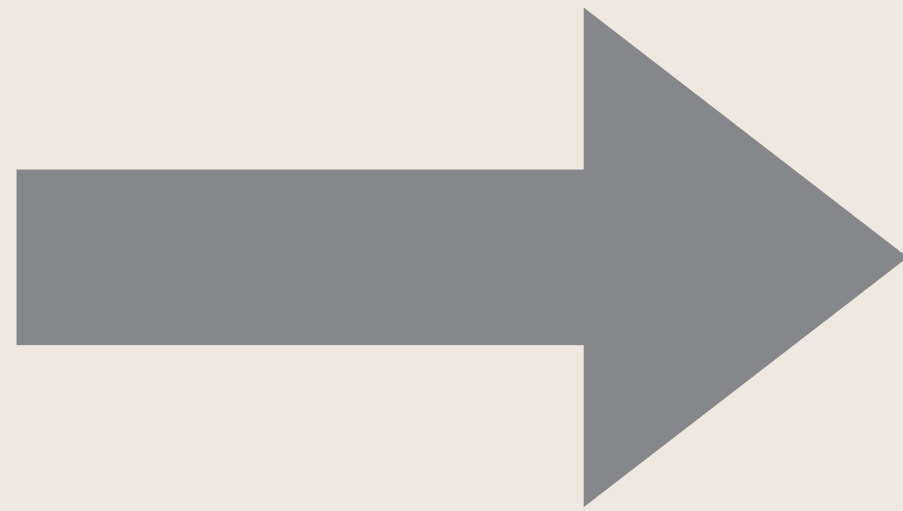


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Who

Should Enroll in this Program?



individuals who are interested in enhancing their programming skills and leveraging Python for data analysis, machine learning.....

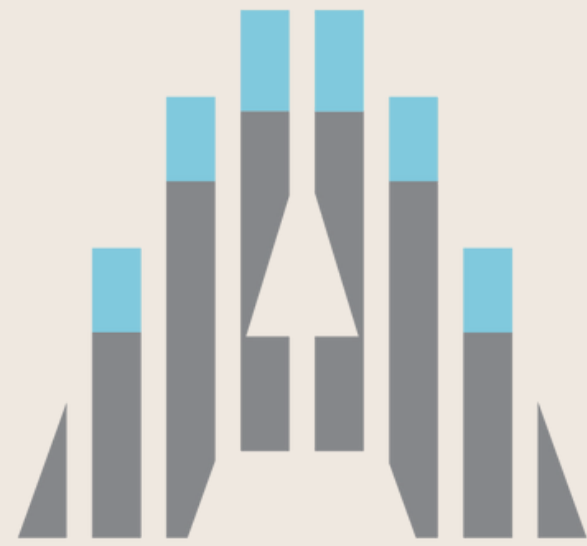
1. Data Analysts
2. Data Scientists
3. Business Analysts
4. Researchers
5. Software Developers
6. Students
7. Professionals Seeking Career Advancement



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Overall, the Python course is designed to cater to individuals with varying levels of programming experience who are interested in harnessing the power of Python for data analysis and other applications.



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Instructor

Dr. Mariam Metawe'e DataScientist

Education

Statistics

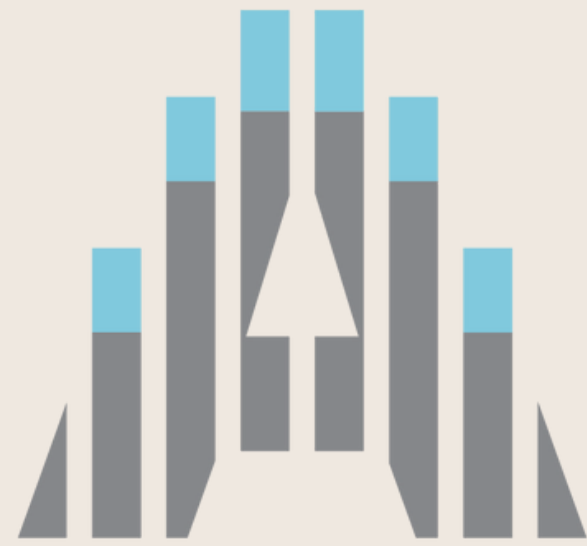
- PhD in statistics (on progress)
- Master degree in Statistics
- Two years diploma in mathematics and statistics

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



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Instructor

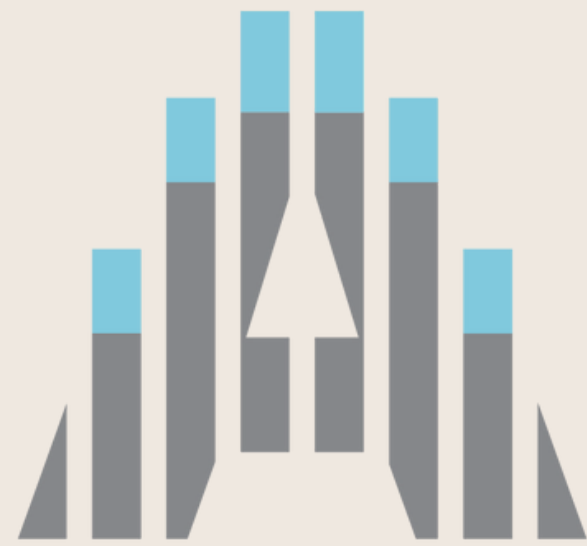
Dr. Mariam Metawe'e DataScientist

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).



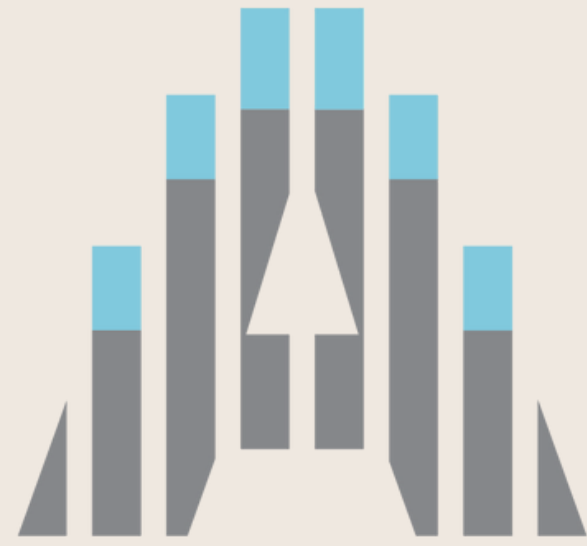
<https://www.linkedin.com/in/mariam-metawe-e-13864656/>



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



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Thanks!