AFRICAN CENTRE OF EXCELLENCE IN DATA SCIENCE (ACE-DS)

The call for registrants: Power BI (Business Intelligence)

The University of Rwanda-College of Business and Economics (UR-CBE), African Center of Excellence in Data Science (ACE-DS) offers Data Science short courses. ACEDS wishes to inform postgraduate students and interested professionals working with organizations with more data and who wishes to uncover more powerful insights to guide them in decision making to register for the Power BI short course to be held at University of Rwanda, ACEDS from 24th - 28th April 2023 in Kigali, Rwanda.

Overview of Power BI

Power BI is business intelligence (BI) platform that provides nontechnical business users with tools for aggregating, analyzing, visualizing and sharing data. Microsoft Power BI is used to find insights within an organization's data. Power BI can help connect disparate data sets, transform and clean the data into a data model and create charts or graphs to provide visuals of the data. All of this can be shared with other Power BI users within the organization.

Objectives

This course covers the fundamental concepts of Power BI. The course uses real data as motivating example for each topic to allow students to easily digest the concepts. The specific lecture topics are as follows:

1. How to analyze Data with Power BI.
2. To visualize data.
3. How to create reports that can answer questions in real time and help with predicting.
4. How to provide executive dashboards for administrators or managers, giving management more insight into how organizations are doing.

Expected results

On completion of the course, participants will be expected to:
1. Perform data analytics
2. Connect disparate data sets, transform and clean the data into a data model and create charts or graphs to provide visuals of the data.
3. Be able to apply power BI in a range of real-world applications data.

Course Duration

This course will take place for one week meeting 8 hours per day for the five days. Face to face lecturing will take place for 24 hours in addition to practical hours. Practical projects will be done at the end.

Qualification of participants

The course is designed for individuals with at least Bachelor degree. The applicant should have experience of working with data-related projects.

Award

Candidates who successfully complete this course will be awarded a certificate of completion.

Application process

To apply, please use this Google form link:

https://docs.google.com/forms/d/e/1FAIpQLSfbQC0wHPbSuL6oRXYX4fhIPd9gRQOKkxY_sQplpqnyj07zeQ/viewform

Deadline is on 5th April 2023.

The selected candidates will be notified by 11th April 2023.

Participation fees

200,000 RWF for Rwandan and East African citizens

400,000 RWF for others

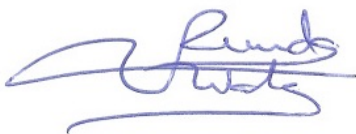**Bank account: 100022294697**
Account name: UR ACE-DS (RWF)
Bank Name: Bank of Kigali
Swift Code: BKIGRWRW

NB: Participation fee to be paid before 14th April 2023.

For more information, please contact Dr. Jennifer Batamuliza, Head of Data Driven Incubation Hub and Professional Short courses, African Center of Excellence in Data Science, University of Rwanda Tel: +250788312697 Email: bajelo2000@gmail.com.

Done at Kigali, 08/03/2023

Associate Professor Charles Ruranga

Director of African Center of Excellence in Data Science

College of Business and Economics

University of Rwanda