REGISTRATION

http://goo.gl/ejSyGn

Mon-Fri, 8-25 May 2018
Lecture
19.00 – 20.30 WIB
Lab Session
the following day
(see **URL** for more detail info)

BINUS University
Anggrek Campus or Online

Course Fee
IDR 3.000.000

Contact Person
heryhm@binus.edu
Mr. Hery H. Mulyo

Payment Method
Bank Transfer
BCA: 5270296698
Bina Nusantara

URL http://bdsrc.binus.ac.id/ai/2018/02/sc-ai-pt1/

CLEMSON
U N I V E R S I T Y

BioRealm
Genomics and Artificial Intelligence

BINUS UNIVERSITY | AI R&D CENTER

ABOUT

This course is designed to bring the basics of data science to new users, with very little prerequisite knowledge being necessary. It is meant to be a primer in a series that will provide successful participants with a wide cadre of knowledge spanning from basic data science methods to advanced implementation of statistical learning techniques (e.g., artificial intelligence, deep learning, etc.).

By the end of this course, students are acknowledged many traditional statistical methods which are essential in the modern data science realm. The course will consist of a brief overview of prerequisite knowledge, in depth development of the various statistical methods, guided examples of their implementation, and model validation strategies. All material will be delivered with real world examples. In addition to lecture periods, the course also will be accompanied by lab sections were participants will be shown how to use modern statistical software to carry out the various methods covered in the class.

CONTENT

• Mathematical Background
• Probability
• Point Estimation
• Hypothesis Testing
• Simple Linear Regression
• Multiple Linear Regression
• Binary Regression

The course will be conducted both onsite at BINUS University Anggrek Campus, Jakarta and online using Cisco Webex application.

ARTIFICIAL INTELLIGENCE

The Methods behind the Machines Part 1

Course Coordinator
Assoc. Prof. Dr. Christopher McMahan
(Clemson University)

Team Teaching
Dr. James Baurley
(BioRealm)

Chase Joyner, MS
(Clemson University)

AI R&D Center
(BINUS University)