

Certificate



of Attendance

THIS IS TO CERTIFY THAT

Ahmadriswan Nasution

HAS SUCCESSFULLY COMPLETED THE SHORT COURSE OF
DATA SCIENCE FOR NON PROGRAMMER

Held by Pusat Ilmu Komputer Universitas Indonesia
from 16 to 20 December 2019 in Fakultas Ilmu Komputer UI, Salemba


DENNY, PhD

Director of Pusat Ilmu Komputer UI



Certificate Number:

SC/PIK-UI/II/1219/1392

Data Science for Non-Programmer Training Modules (35 Hours):

- Intro Data Science
- Introductory Hands-on
- Managing a Data Science Project
- Exploratory Data Analysis and Visualization
- Hands-on Exploratory Data Analysis and Visualization
- Data Preprocessing Methods
- Hands-on Data Preprocessing Methods
- Introductory to Classification
- Introductory to Regression and the Idea of Regression for Machine Learning, the concept of generalization
- Model Evaluation
- Hands-on Classification & Regression
- Clustering: Flat Clustering and Evaluation
- Clustering : Hierarchical Clustering and Evaluation
- Hands-on Clustering
- Introduction to Big Data and Application