

Data Processing

Academic Year: (2019 / 2020)

Review date: 21-04-2020

Department assigned to the subject: Signal and Communications Theory Department

Coordinating teacher: MOLINA BULLA, HAROLD YESID

Type: Electives ECTS Credits : 3.0

Year : 1 Semester : 2

% end-of-term-examination:	80
% of continuous assessment (assignments, laboratory, practicals...):	20

BASIC BIBLIOGRAPHY

- George, Lars HBase: The Definitive Guide, O'Reilly.
- H. Karau, A. Konwinski, P. Wendell, and M. Zaharia, Learning Spark: Lightning-Fast Big Data Analysis, O'Reilly, 2015
- Sandy Ryza Advanced analytics with spark: patterns for learning from data at scale, O'Reilly, 2015

ADDITIONAL BIBLIOGRAPHY

- PENTREATH, N. y PAUNIKAR, A Machine learning with Spark : create scalable machine learning applications to power a modern data-driven business using Spark, Packt Publishing, 2015

BASIC ELECTRONIC RESOURCES

- Apache Foundation . SPARK: <https://spark.apache.org>
- Apache Foundation . HBase: <http://hbase.apache.org>
- Apache Foundation . Hadoop: <http://hadoop.apache.org>