DMIF, University of Udine

Data Management for Big Data – Part III

Andrea Brunello

andrea.brunello@uniud.it

May, 2022

Andrea Brunello, Postdoctoral Researcher at the University of Udine, and member of the Data Science and Automatic Verification Laboratory `https://datasciencelab.dimi.uniud.it/`

My research interests are in the fields of Explainable AI, Virtual Sensing, Machine Learning for Healthcare and, broadly speaking, Data Science.

Currently we have many thesis and projects available, so take a look at our website!

Content outline

We are going to spend 24 hours together, partitioned into 8, 3-hour lectures.

We are going to talk about these topics:

- NoSQL databases
- Data Warehousing
- Big Data and Business Analytics, Power BI
- Hadoop framework and MapReduce
- Data Mining and the WEKA suite
- Text mining approaches and applications
- Time series modeling and forecasting

Materials are available on the GitHub page of the course:
github.com/dslab-uniud/teaching/tree/main/courses/Data%
20Management%20for%20Big%20Data/2021-2022