



UNIVERSITÀ DELLA CALABRIA

DIPARTIMENTO DI ECONOMIA,
STATISTICA E FINANZA

"Giovanni Anania"

Master universitario di secondo livello in

DATA SCIENCE

Anno Accademico 2022 - 2023

PROGRAMMA

STATISTICS AND MACHINE LEARNING

12 CFU - 96 ORE

STATISTICAL MODELS

DATA ANALYSIS

AND STATISTICAL LEARNING

TREE-BASED MODELS

DATA MINING ON SOCIAL MEDIA

TEXT MINING

MISSING DATA

BAYESIAN AND NEURAL NETWORKS

DEEP LEARNING ON TEMPORAL DATA

PROGRAMMING LANGUAGES

5 CFU - 40 ORE

PROGRAMMING WITH R

PROGRAMMING WITH PYTHON

APPLIED MATHEMATICS,

ECONOMICS AND BUSINESS

6 CFU - 48 ORE

RISK MANAGEMENT

REVENUE MANAGEMENT

MACHINE LEARNING IN ECONOMICS

AND BUSINESS

ECONOMETRICS FOR PANEL DATA

COMPUTER SCIENCE AND BUSINESS

9 CFU - 72 ORE

DATABASES

DATA WAREHOUSING

BUSINESS INTELLIGENCE AND PERFORMANCE

DATA MINING

DEEP LEARNING

EXPERIENCE

LAB - CASES STUDY

8 CFU - 104 ORE

DATA MANAGEMENT

DATA PROTECTION

WEB DATA

OUTPUT MANAGEMENT

CASE STUDY

BUSINESS GAME

SOFT SKILLS

TIROCINIO

16 CFU

PROJECT WORK

4 CFU