Machine Learning Tutorial for Supervised Classification using Support Vector Machines

Objectives

Learning outcomes are:

- learn the fundamentals of machine learning
- obtain basic understanding of supervised classification
- learn support vector machines and apply them to datasets

Attendees do not need to prepare any software before the start of the course, as the course progresses through the lessons, we will create scripts step-by-step together and when needed, you will be pointed to download sites.

Requirements

Specific prerequisites:
In order to be able to benefit from this course, you need to be able to perform on the following level:

- using UNIX scripts (important)
- using batch systems on supercomputers (less important)
- have basic understanding of linear algebra (less important)

Attendees will need to bring their own laptops

Registration for this course is now closed.

This BSC course do not charge fees.
PLEASE BRING YOUR OWN LAPTOP.

Lecturer: Morris Riedel,
School of Engineering and Natural Sciences of the University of Iceland in Reykjavik
and Institute for Advanced Simulation (IAS) at the Jülich Supercomputing Centre (JSC)

The course is taught in English

Recommended Accomodation:

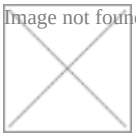
Please follow the link for map of some local hotels.

Contact Us:

CONTACT US for further details about MSc, PhD, Post Doc studies, exchanges and collaboration in education and training with BSC.
For further details about Postgraduate Studies in UPC - Barcelona School of Informatics (FiB), visit the website.

Sponsors:

Materials



The lecture notes for this course are available from the lecturer's webpage:

http://www.morrisriedel.de/talks

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