DataCloud
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Elisabetta Di Nitto, Roberto Resmini,
Lella Signorini

DataCloud

- Interdipartimental laboratory
- Objective
  - *to build effective data science approaches and techniques and to experiment with them to address concrete scientific problems and practical applications, considering and giving high priority to ethical and privacy considerations.*

- https://datacloud.polimi.it

DataCloud

- Partners
  - DEIB
  - DMAT
  - DASTU
  - DABC

- Funds by the Rectorate 134.698,73
- Origin PoliCloud

Services

- Computational resources
  - Virtual Machines
    - operating systems: ubuntu and windows
  - Containers (Docker)
  - Weekly and monthly backup

- Consultancy
- Participation into research initiatives

Computational resources

Computational resources

- Consolidate the existing infrastructure with more memory and storage
- Acquisition of new computational resources equipped with GPUs

DataCloud
Analytics for Knowledge
POLITECNICO MILANO 1863

POLITECNICO MILANO 1863

Sustainability

- Rack mountable vs towers

Four servers

21 servers
124 CPUs
600+ cores

Sustainability

- Continuous evolution to guarantee an increasing computational power and energy saving
- Shared usage of hardware as opposed to an exclusive usage

How to ask for a resource

https://datacloud.polimi.it/contacts/

HOME   FACILITIES   SERVICES   CONTACTS

CONTACTS

For information about the computational services offered by the laboratory, please reach us here datacloud-lab@polimi.it.

If you want to apply for some computational resources please fill in the form here (only research groups internal to Politecnico di Milano can apply).

For information about research collaborations and consultancy services, please get in touch with one of the lab management committee members:

- Elisabetta Di Nitto (DEIB)
- Ilenia Epifani (DMAT)
- Paola Pucci (DABC)
- Massimo Tadi (DABC)
- Maria Gabriella Signorini (DEIB)

The computational infrastructure is operated by the DEIB system administrators under the responsibility of Roberto Resmini.