

Change of the statistician profile: the iStatistician

Competences

- Analytical and computing skills
- Delivering quality and ethical analyses
- Process management skills
- Communication skills
- Developing analytical expertise



The iStatistician will be
a team with specialized
member skills



What should we teach

- EMOS graduates should understand the issue administrative data and Big Data
- EMOS graduates should have experience in the work with real data
- You don't get this skills in a course
- Students have to work practical
- Model based statistics

What has really changed in the digital revolution?

We have data !!! and we are able to use it

- Survey data, open data, big data
- Micro data, aggregate data, meta data
- It is necessary to teach statistics with data



An inventory of accessible data would be helpful

Sandbox

- What kind of data would be useful
- How to construct the IT structure
- The project Data without Boundaries (DWB) could be an example
- Middle term project of European collaboration of NSIs, NCBs, universities and maybe data archives

Data without Boundaries - DwB

- 29 partners belonging to the European Statistical System (10 national statistical institutes), to the CESSDA (11 data archives) and to the research community (7 universities and an enterprise involved in methodological research)
- Project financed in the European Union's Seventh Framework Programme from 2012 until 2015
- <http://www.dwbproject.org/>