# Lezione 1

## Tecnologie

Pandoc <https://pandoc.org/>

Git <https://git-scm.com/> <https://git-scm.com/videos>

Github <https://github.com/>

Jupyter <http://jupyter.org/>

## Import and Export data

<https://cran.r-project.org/doc/manuals/r-release/R-data.html>

### Comandi R (basic)

cat()

print()

read.table()

write.table()

paste()

sprintf()

formatC()

readLines()

writeLines()

readBin()

writeBin()

### Pacchetti per stringhe (advanced)

stringr e stingi

### Lavorare con i file di testo con linux (advanced)

Iconv <https://www.gnu.org/software/libiconv/>

Shell commands <https://www.ibm.com/developerworks/aix/library/au-unixtext/index.html>

Sed <http://www.grymoire.com/Unix/Sed.html>

Regexp <http://www.grymoire.com/Unix/Regular.html>

Su windows tramite Cygwin, Gow o GnuWin

# Lezione 2

## Useful standards and tools

Html5

<https://www.w3schools.com/html/default.asp>

xml

<https://www.w3schools.com/xml/default.asp>

svg

<https://www.w3schools.com/graphics/svg_intro.asp>

latex

<https://www.latex-project.org/>

pandoc

<https://pandoc.org/>

ImageMagick

<https://www.imagemagick.org/>

Knitr

<https://cran.r-project.org/web/packages/knitr/index.html>

Jupyter

<http://jupyter.org/>

## Why latex is still popular?

math

<https://www.sharelatex.com/learn/Mathematical_expressions>

slides

https://en.wikipedia.org/wiki/Beamer\_(LaTeX)

<https://www.overleaf.com/gallery/tagged/presentation>

tikz

<http://www.texample.net/tikz/examples/>

linguistics

<https://www1.essex.ac.uk/linguistics/external/clmt/latex4ling/>

bibliography

<https://www.sharelatex.com/learn/Bibliography_management_with_bibtex>

books

<https://ctan.org/pkg/memoir>