

# Digital Tools for Finance

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15.12.2020

# Overview

- 1 Overview
- 2 Version Control
- 3 Collaboration Tools
- 4 Writing with LaTeX
- 5 Data Management
- 6 Visualization
- 7 Knowledge Transfer

This set of slides was produced to give an overview of different digital tools, used in our final project.

In general, we got experience with Git/Github, Slack, R, Python, SQL, LaTeX (Overleaf and Sublime Text editor) to elaborate the project.

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Version control was implemented with Git. The commands were sent via command line and GitHub desktop.

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We collaborated on the project, using Git.

Also we created a Slack channel and connected it to our Git repository.

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We configured Sublime Text editor to use LaTeX.  
Using Sublime Text and Overleaf, we produced this set of slides and the report, located in the 'text' folder. Also we elaborated the bibliography, having created an auxiliary file `/text/biblio.bib`.

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We used SQL to work with our dataset on stock prices.  
SQL queries were then used in our analysis in R (`/code/wacc.R` and `/r-shiny/app.R`)

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With the means of R shiny we produced an interactive page, that processes user's input into graphs (`/r-shiny/app.R`).