

Automation

Web Basics
HTTP and APIs
Web Services
Web Scraping
Automation

Home Assignment

Opens: Friday, 4 November 2022, 12:00 AM

Due: Friday, 25 November 2022, 10:00 AM

Financial Markets and Securities

Assessment

- 50%: Midterm test (online)
- 90 minutes
- Theory and calculation
- 50%: Final Exam (online)
- 120 minutes
- Theory and calculation

Decision-Making and Analytical Skills

Assessment

- **Individual presentation**
 - 10-minute-long presentation of a case study
 - Selection of the case studies is available in Moodle
- **Individual assignment**
 - 2,000-word long essay
 - Critical analysis and reflection of your strategy you followed in a simulation
- **Deadline: 23 November 2022 via Moodle**
- **Exam**
 - 2-hour long exam
 - Open book
 - Focus is on understanding problems and drawing the right conclusions
 - Usage of MS Excel and Orange

Data Preparation

Pre-course Python recap
Introduction
Python, Jupyter, Colab
Numpy, pandas
Getting data
Advanced pandas
Encoding data
Basic visualization
Data cleaning
Regular expressions
Data validation
Conclusion

Home Assignment

Opened: Saturday, 10 September 2022, 12:00 AM

Due: Monday, 19 December 2022, 10:00 AM

Big Data