



DAVIDE GIARDINI

STUDENT IN STATISTICAL SCIENCES OF ECONOMY AND BUSINESS

Education

THESIS PROJECT

Predicting the stock market with Twitter's Sentiment Analysis

Real experience in:

- Using an **API** (download people tweets about a cluster of firms)
- Building an **automated task** (that stores the data and sends a summary via mail everyday)
- **Sentiment Analysis** in R of the resulting time serie.
- **Data Analysis** (confronting the public sentiment serie with the market price serie).
- Drawing **conclusions** (**data visualizations**) and report writing.

"SCIENTIFIC COMPUTING WITH PYTHON" AND "DATA ANALYSIS WITH PYTHON" CERTIFICATES

[FreeCodeCamp.org](https://www.freecodecamp.org) | Summer 2021

- Experience in following **lectures in English**.
- Experience with Python, JupyterLab, SQLite.
- **Projects**: "Probability Calculator", "Page View Time Series Visualizer", "Sea Level Predictor", and 7 more.

STATISTICAL SCIENCES OF ECONOMY AND BUSINESS (GPA: 28.9)

[Alma Mater Studiorum, Bologna](#) | 2019 - 2022

Main focuses:

- how to exploit big data in order to maximize businesses' returns
- the numbers behind macroeconomy and microeconomy
- data analysis

SCIENTIFIC HIGH SCHOOL GRADUATION (91/100)

[Liceo Scientifico Marconi, Pesaro](#) | 2014 - 2019

Tech Skills

R

- ✓ Utilized in school and in projects. Focused on Sentiment Analysis and Statistical Analysis of online databases.

Python and Jupyter Lab

- ✓ Free Code Camp certificates.

SQLite

- ✓ Utilized along with Python in the "Data Analysis" certificate.

Gretl and Stata

- ✓ both for Econometrics and Forecasting projects.

HTML, CSS and JavaScript

- ✓ Used in school for building websites.

Microsoft Office Suite

- ✓ Excel for Data Analysis and Visualization.
PowerPoint and Word for building powerful presentations and reports.

Skills

Dedication

Time Management

- ✓ **Stress Management**
- Discipline**

Competitive swimmer until 2019

Curiosity

- ✓ Avid reader of books about every topic (psychology, astronomy, physic ecc.)

Languages

- ✓ **ITALIAN (NATIVE)**

ENGLISH

(ADVANCED)

- ✓ B2 certified from Cambridge English Exam

- ✓ **SPANISH (BASIC)**

Contact & Informations

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