

Global conflicts and economy

OT7 - Foundation of Data Engineering - 2025/2026



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Introduction

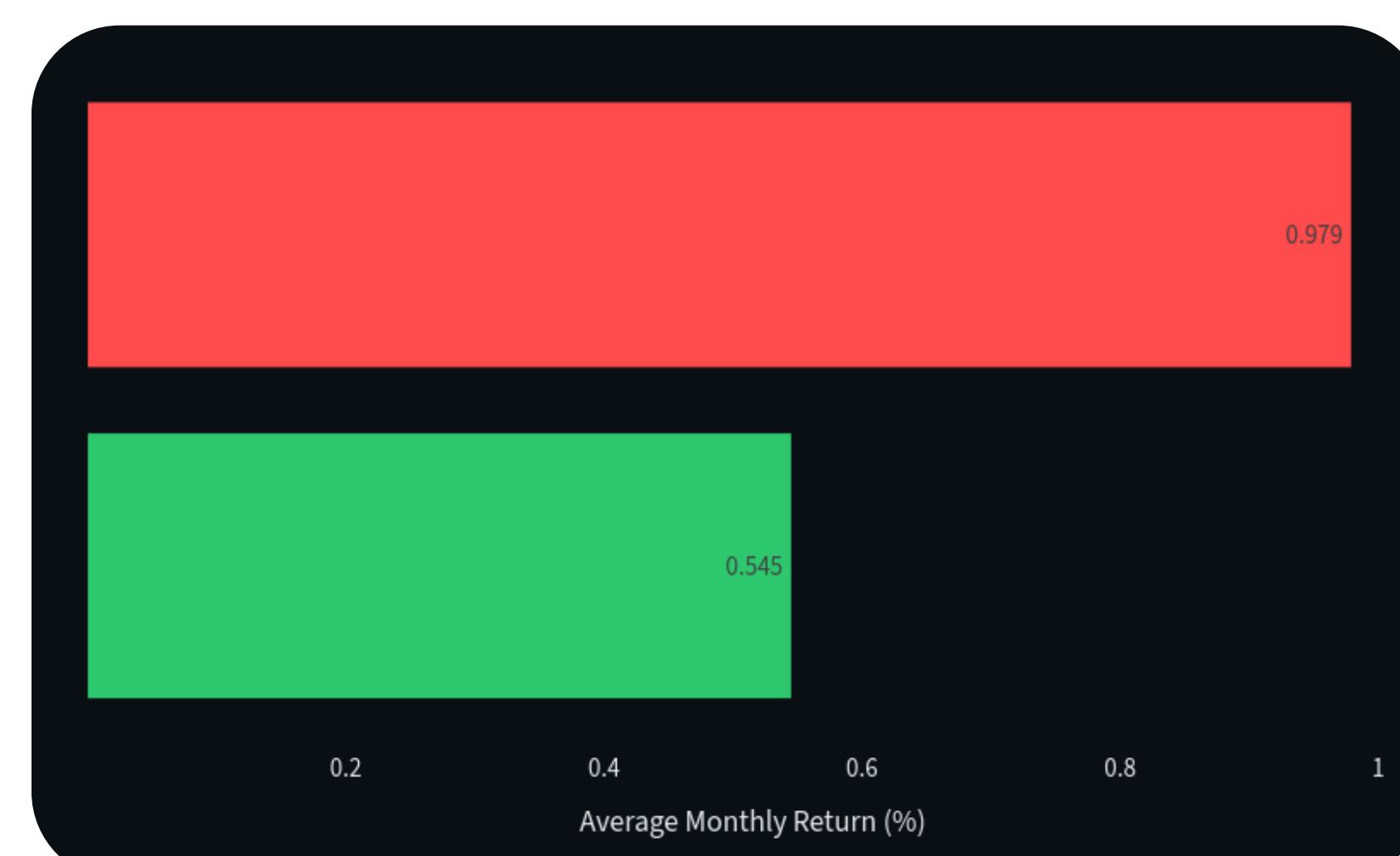
Our objective for this project is to analyze the impact of conflicts in the stock markets and on different type of assets.

For this we used two sources of data :

- YFinance : Yahoo finance api for stocks financial and general informations.
- UCDP : UCDP Datasets for yearly armed conflicts, actors in said conflicts and geo location of the conflicts.

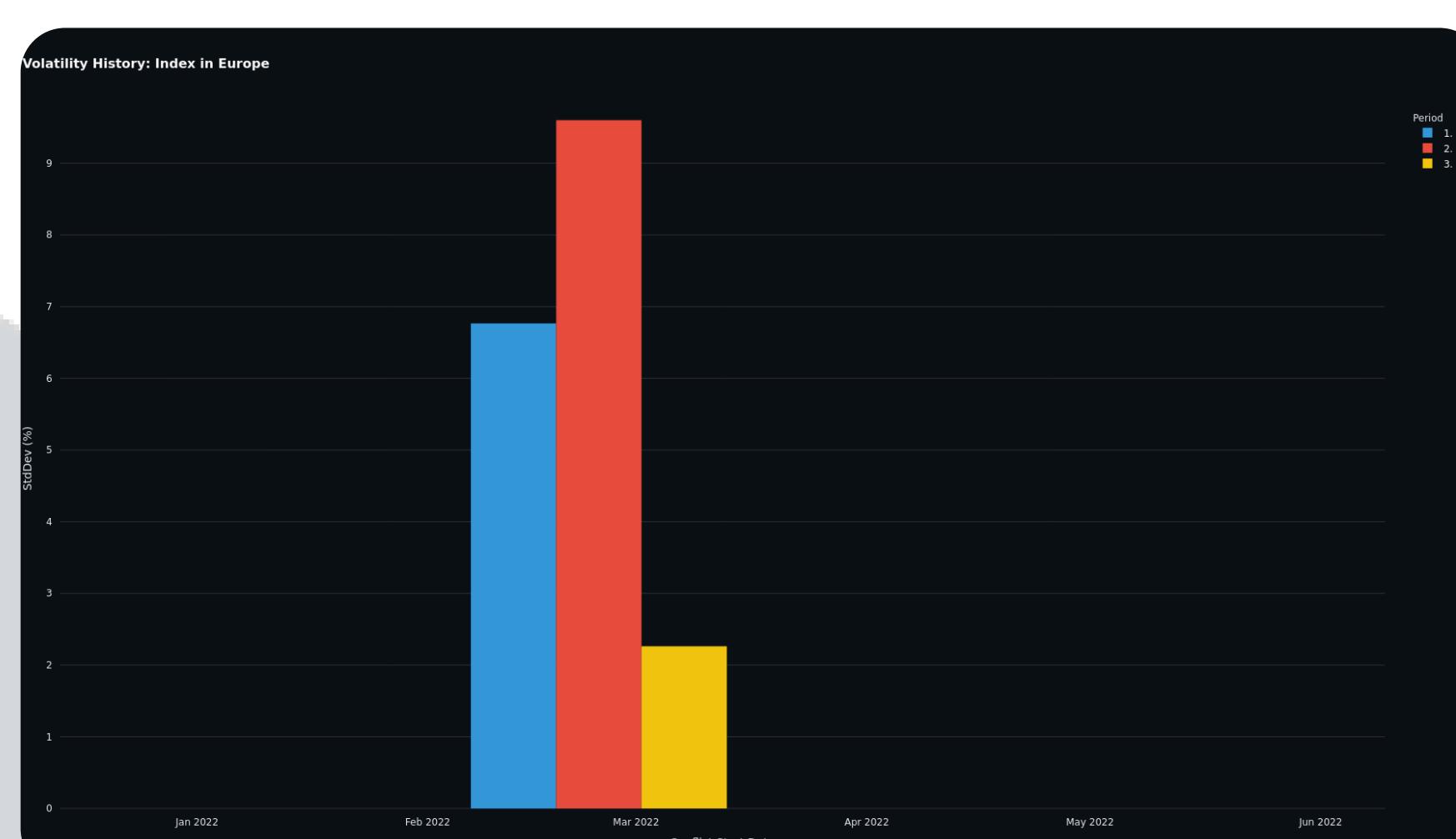
Our main questions to answer are :

- Does the S&P 500 tends to increase or decrease with new conflicts vs ongoing conflicts ?
- How much the market panic before, during and after the start of a new episode of a conflict ?
- How does the role of the United States in conflicts affect american markets ?



We can see that markets tend to yield higher returns on periods of new conflicts

Africa seems more at risk of longer panic (-3 ↔ +3 months after start of episode) than other regions



We can see the impact of the start of the Ukraine conflict in 2022



American stock markets tend to prefer when the USA choose to participate in conflicts as a secondary party over non participation or participation as a primary party.

Project structure

