

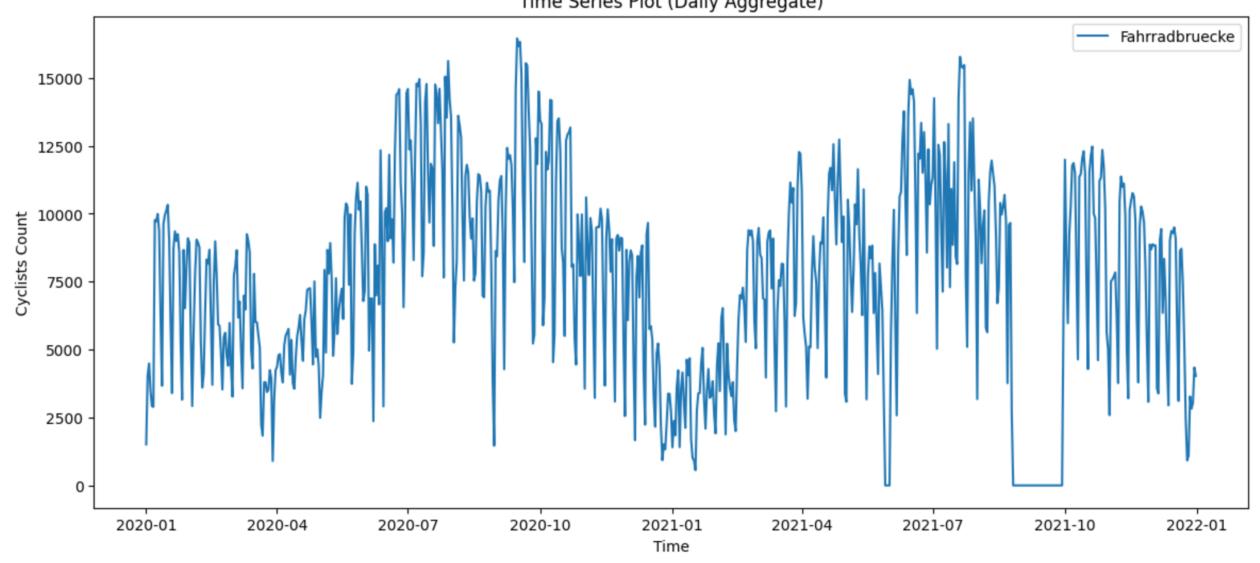
Form of the Data

- 2 Data sets
- Composed out of multiple files

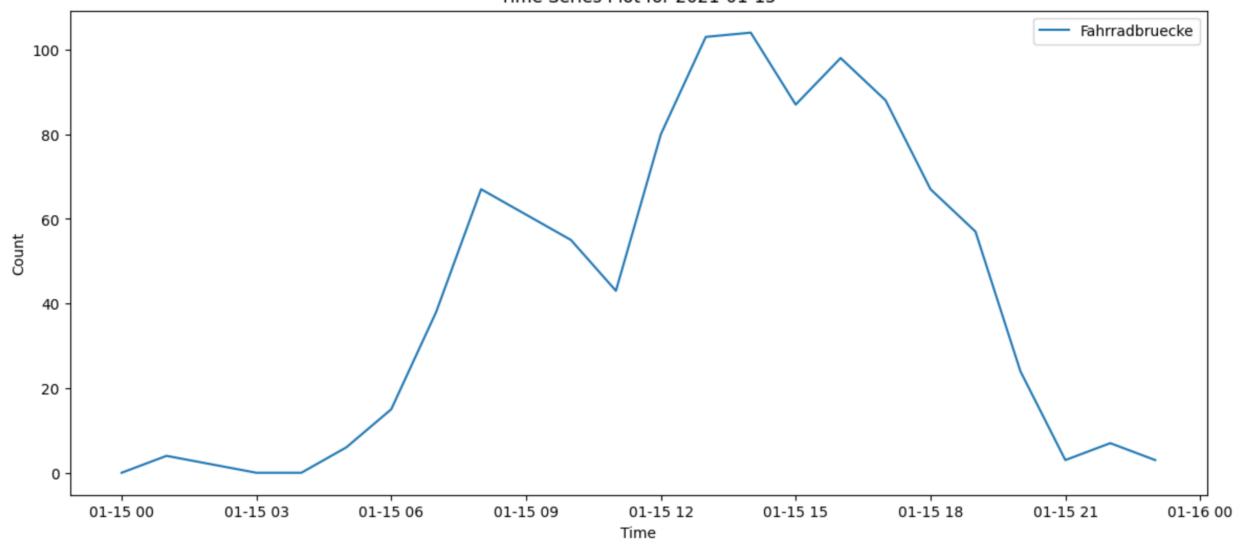




Time Series Plot (Daily Aggregate)



Time Series Plot for 2021-01-15

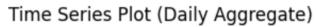


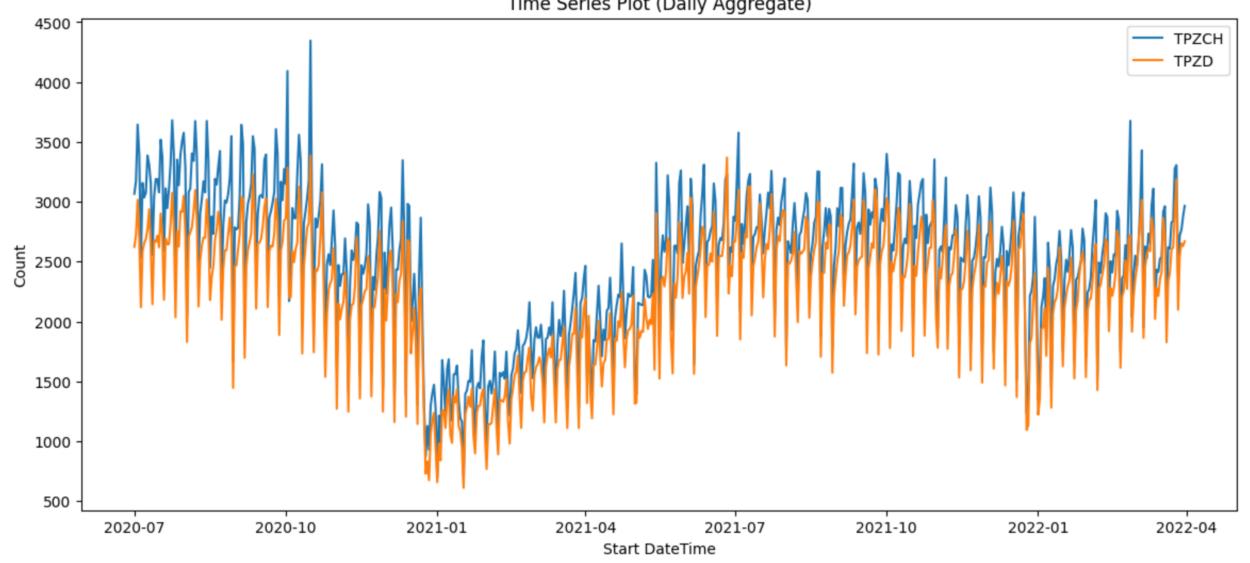
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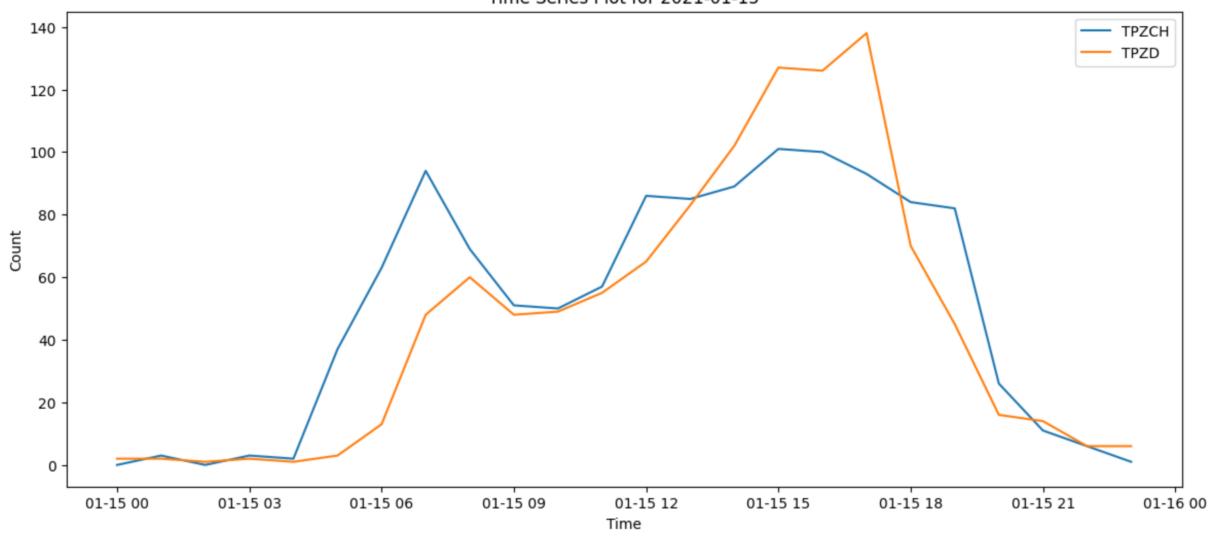








Time Series Plot for 2021-01-15



Form of the Data

- 2 Data sets
- Composed out of multiple files





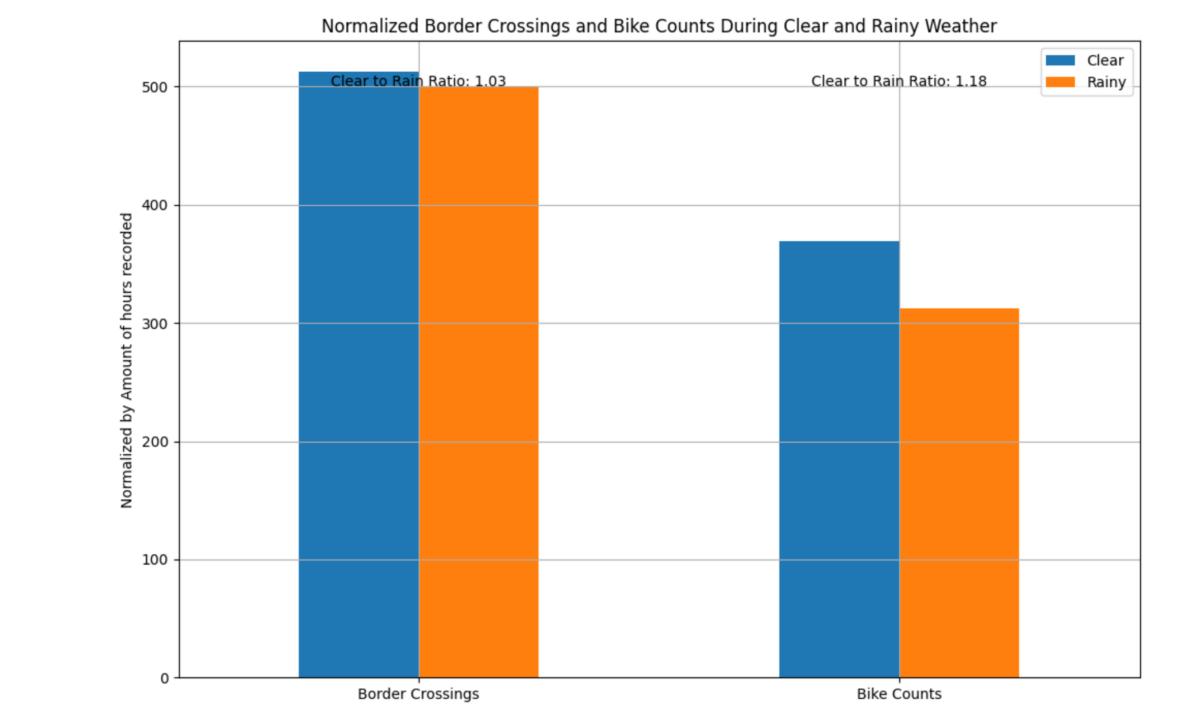


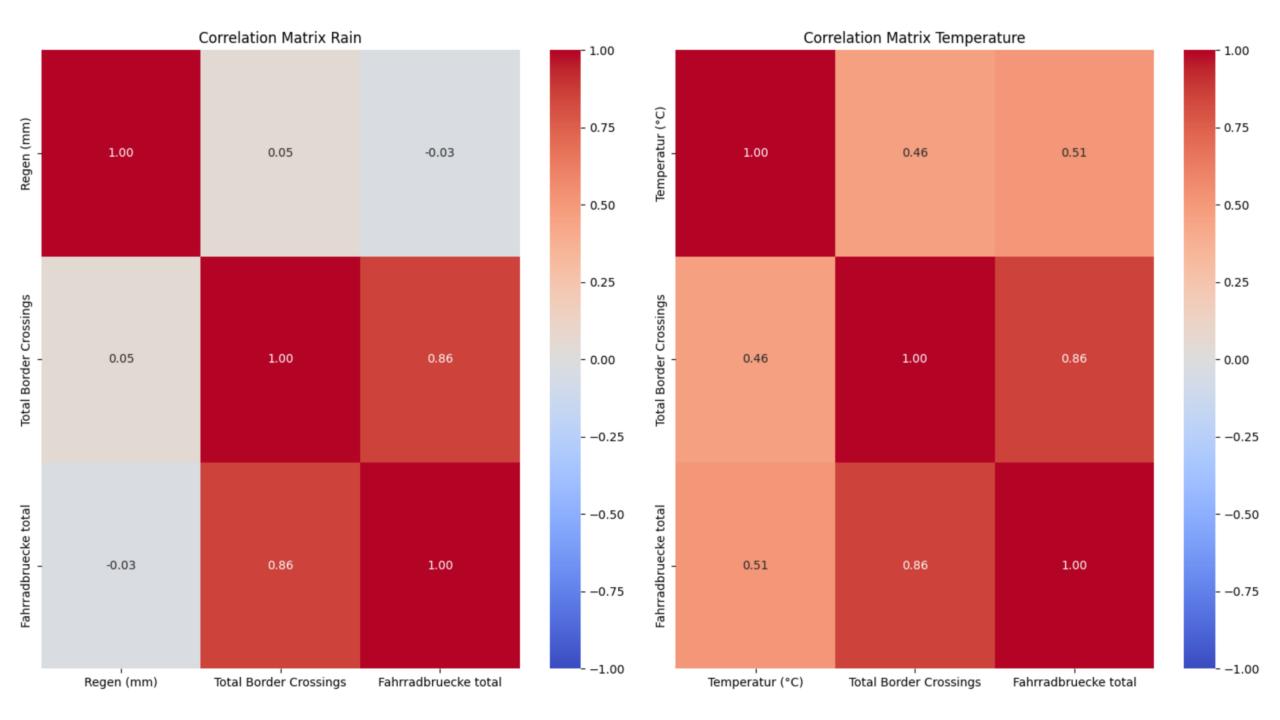
Answering the question

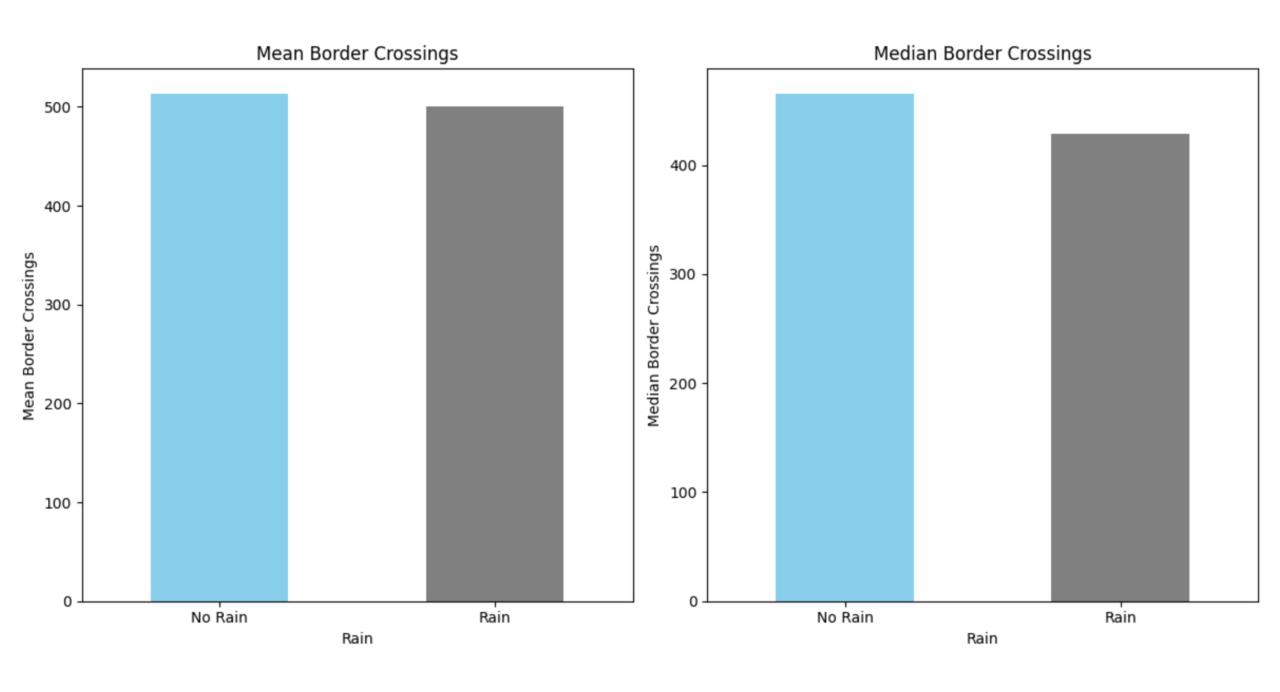
What is the correlation between the amount of rainfall in Constance and the amount of border crossings in Constance?

- There are only negligible less boarder crossings during rainy hours than during clear hours.
- It is highly likely that the amount of rainfall and the amount of border crossings in Constance are independent.

Main Question







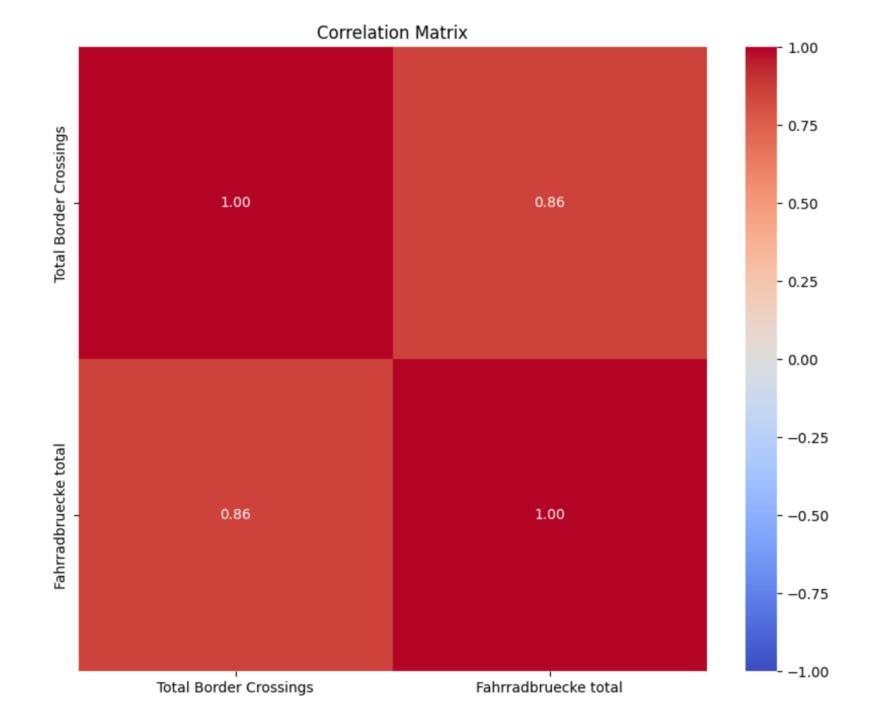
Answering the question

What is the correlation between the amount of rainfall in Constance and the amount of border crossings in Constance?

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- It is highly likely that the amount of rainfall and the amount of border crossings in Constance are independent.

Main Question

- Are there less border crossings on sunny days?
- Are there less border crossings on days when many bikers are on the roads in Constance?
- Or is there no meaningful correlation at all?



- Are there less border crossings on sunny days?
 - → not related!
- Are there less border crossings on days when many bikers are on the roads in Constance?
 - → quite the opposite is the case!
- Or is there no meaningful correlation at all?
 - \rightarrow This is the case.

Answering the question

What is the correlation between the amount of rainfall in Constance and the amount of border crossings in Constance?

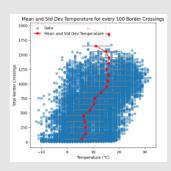
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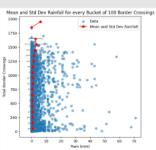
Main Question



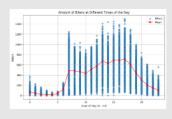
Further Insights

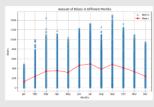
This will not be shown during the presentation only on request.

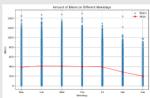




Cyclists







Boarder Crossings

