Data Analytics Bootcamp, Berlin



# Listening behavior during Covid-19

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#### Introduction

Question: can we see a change on streams per week during the lock down period?

- The intention is to investigate if listening habits changed according to lock down measures.
- Project Goals
  - Learn how to obtain data from different sources, including AP Is, open source data sets and/or scrape data from the web.
  - Practice how to clean data using vectorized methods.
  - Begin to practice basic plotting.

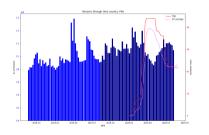


#### Lock down measures





Streams of France, Sweden and Italy



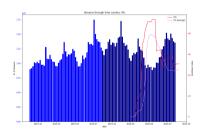


Figure: Streams of France and Italy



Streams of France, Sweden and Italy

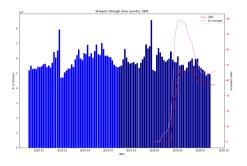
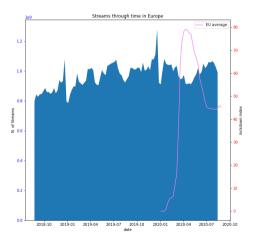


Figure: Streams of Sweden

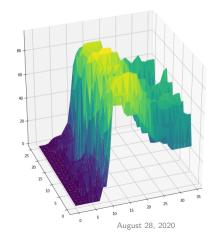


#### Average streams in Europe





#### Lock down measures in Europe





# Further questions

- Re-study specific countries like Spain and Italy, where the measures were more strict. However, the streams decreased during the lock down.
- Collect data worldwide
- Study the correlations between the number of streams and other factors that weren't considered here like: salary, climate, weather, government support, etc.



# OBRIGADO!!! MUCHAS GRACIAS!!! DANK U!!!

This presentation was made using  $\LaTeX$ 

