

# Database Project

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University of Basel

11.01.2019

Datasets & Schema

Analysis Goals

Results

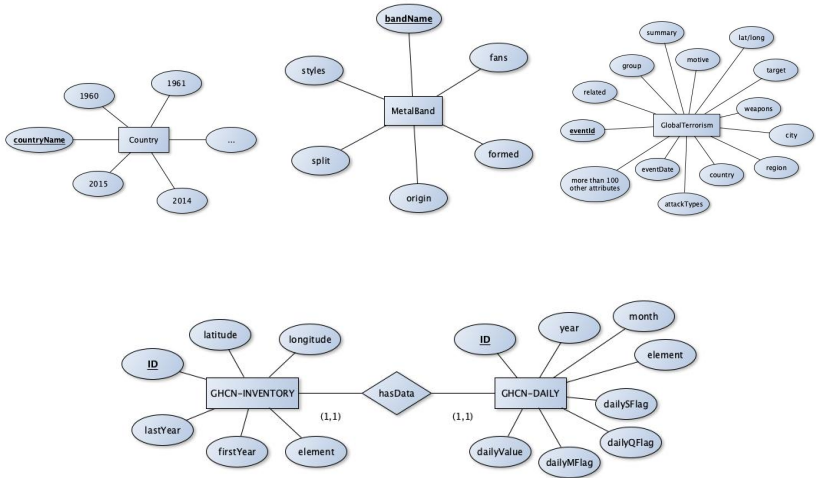
# Datasets:

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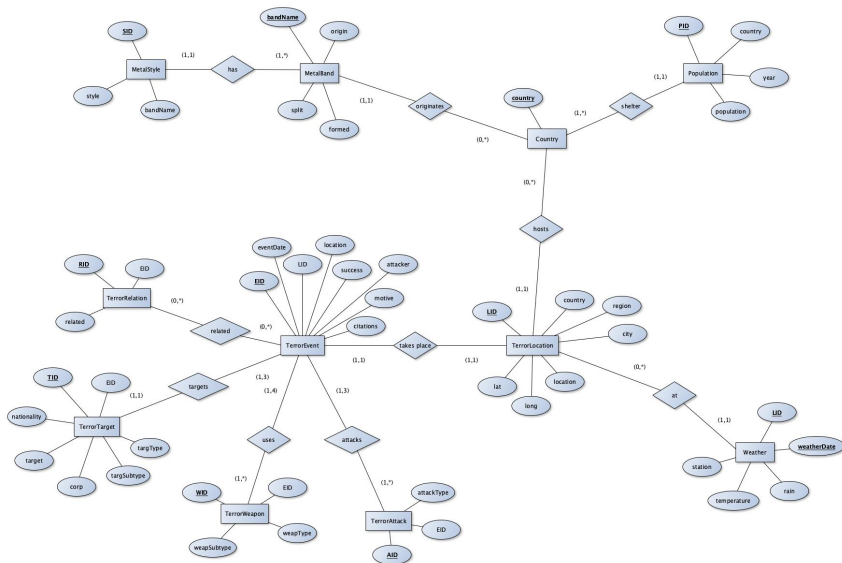
- Global Terrorism 1970 - 2017
  - Dimensions: 181'691 rows x 135 columns
  - Size: 162.8 MB
- Metal bands 1964 - 2016
  - Dimensions: 5000 rows x 7 columns
  - Size: 264 KB
- World Population 1960 - 2015
  - Dimensions: 264 rows x 57 columns
  - Size: 125 KB
- Weather Data
  - Inventory
    - Dimensions: 65236 rows x 6 columns
    - Size: 26.9 MB
  - Daily
    - Dimensions: ~10M rows x 35 columns
    - Size: 2.9 GB

# Single sources

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# Integrated schema



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Datasets & Schema

Analysis Goals

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# Analysis goals

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- › Are terror events dependent on the weather?
- › Do terror attacks influence founding/splitting of metal bands and vice versa?
- › Does the population influence the number of existing metal bands?
- › Do terror attacks have an influence on the population?
- › Which main genre has the most terror events?

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Datasets & Schema

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Analysis Goals

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Results

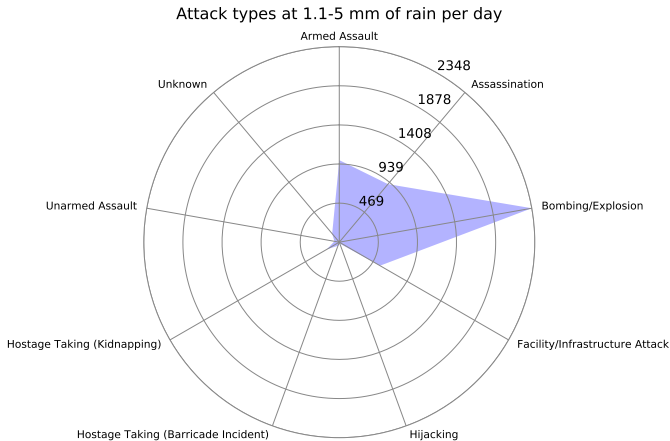
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# Results

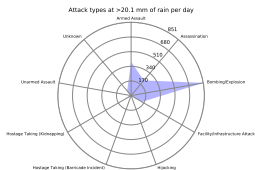
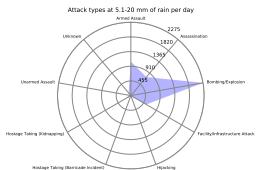
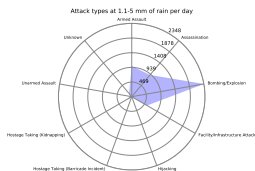
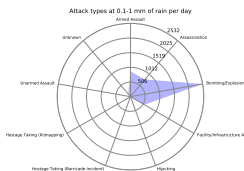
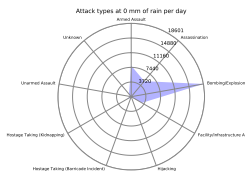
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## Attack Types



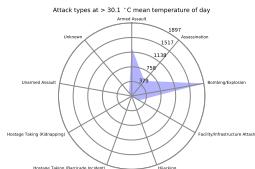
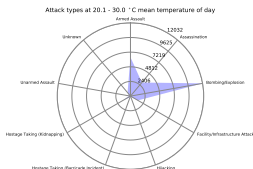
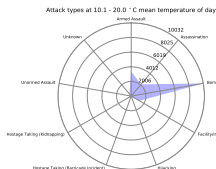
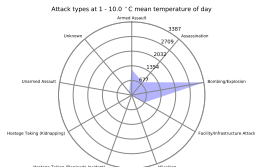
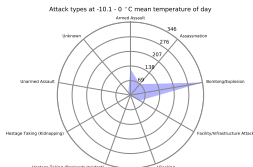
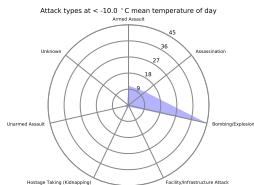
# Results

- Are terror attacks dependent on the weather?
  - Attack types - Rain



# Results

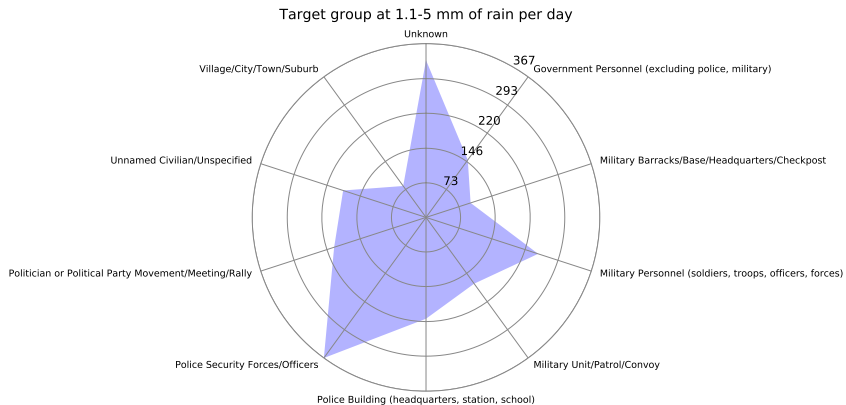
- Are terror attacks dependent on the weather?
  - Attack types - Temperature



# Results

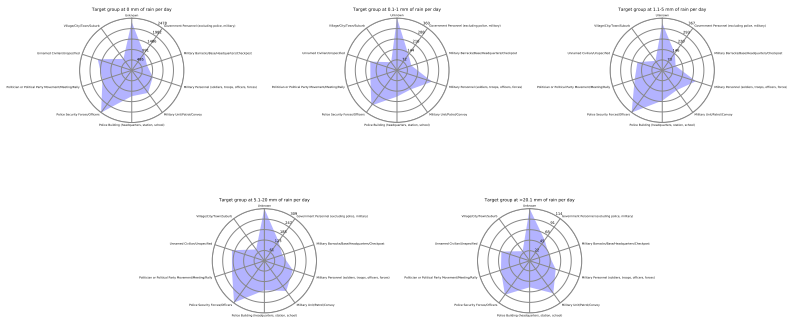
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## Attack Targets



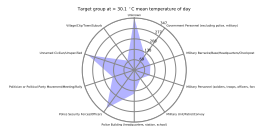
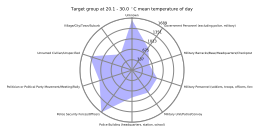
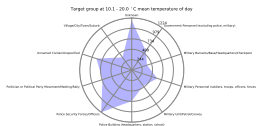
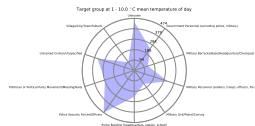
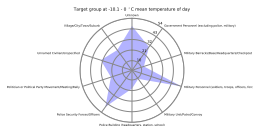
# Results

- Are attack targets dependent on the weather?
- Attack targets - Rain



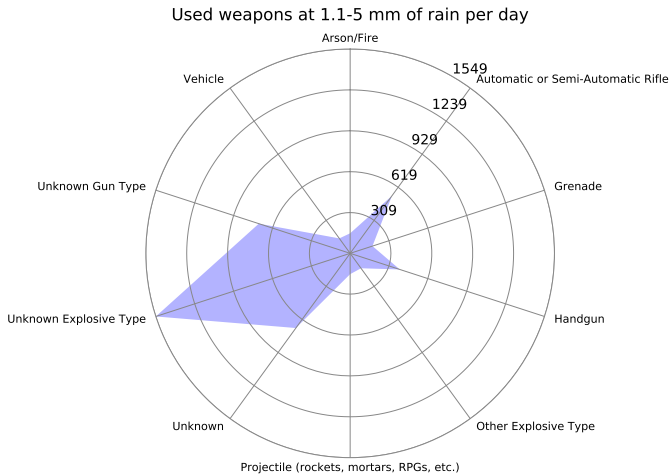
# Results

- Are attack targets dependent on the weather?
- Attack targets - Temperature



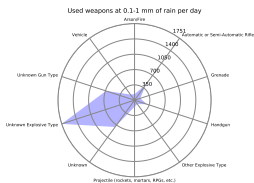
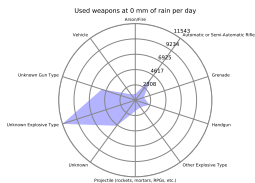
# Results

## Attack Weapons



# Results

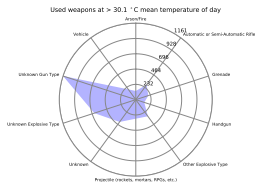
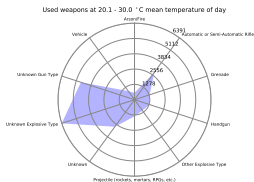
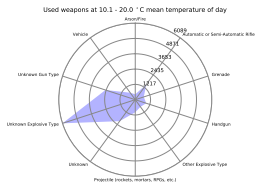
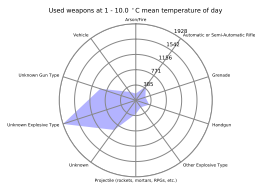
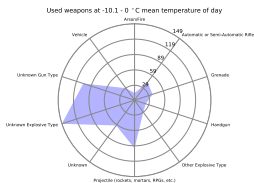
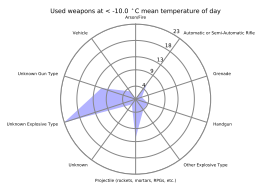
- Are the used weapons dependent on the weather?
  - Attack weapons - Rain





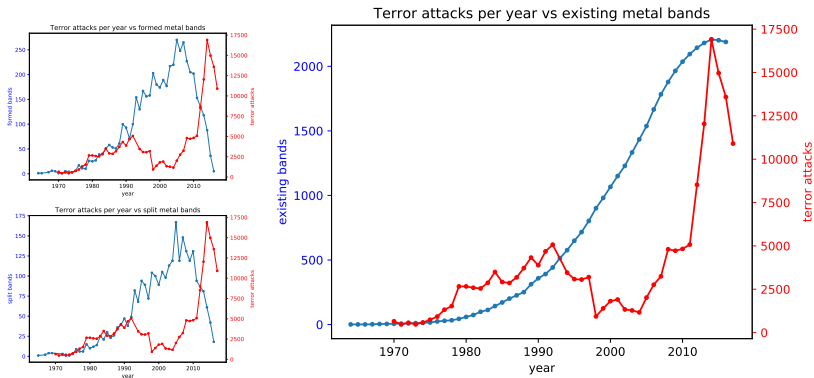
# Results

- Are the used weapons dependent on the weather?
  - Attack weapons - Temperature



# Results

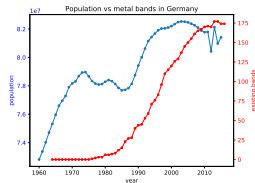
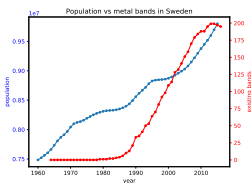
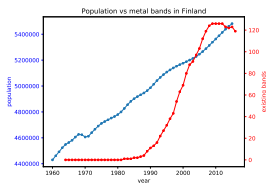
Do terror attacks influence founding/splitting of metal bands and vice versa?



# Results

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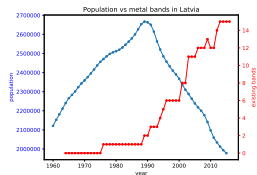
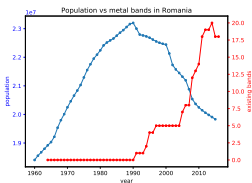
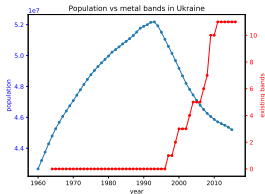
Does the population influence the number of existing metal bands?



# Results

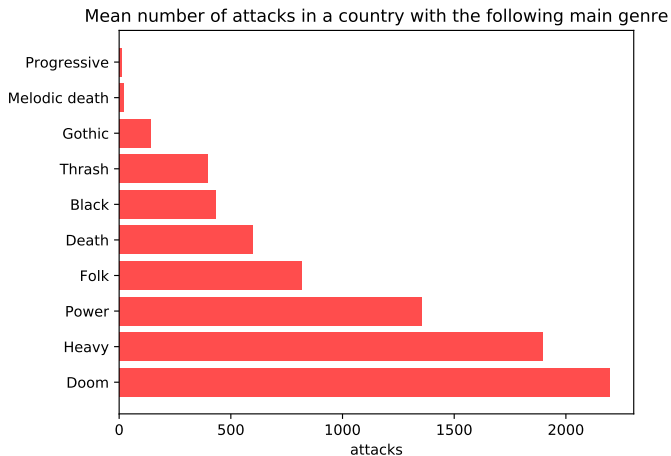
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Does the population influence the number of existing metal bands?



# Results

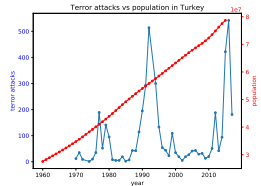
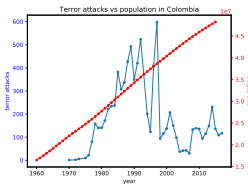
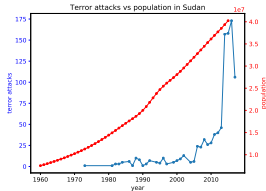
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# Results

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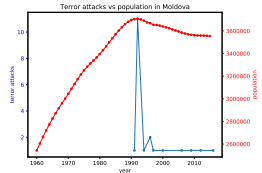
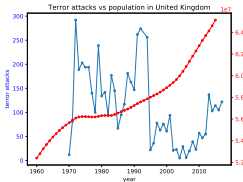
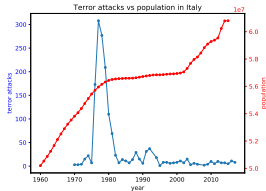
Do terror attacks have an influence on the population?



# Results

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Do terror attacks have an influence on the population?

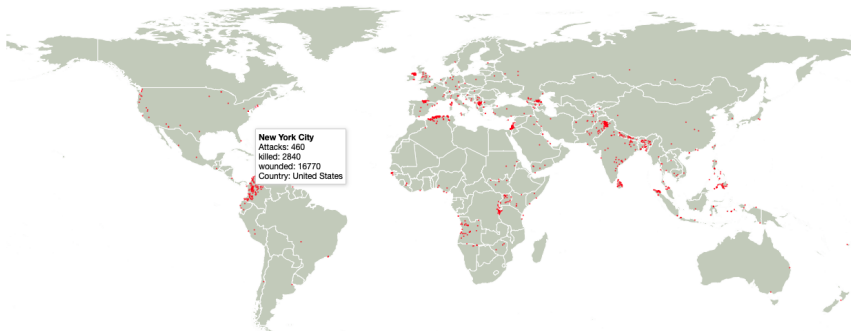


# Results

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## Global Terrorism

2001





# Results

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(Video)

Questions?