

1. Semester Projekt - SQL Statements

1. activity_fatality

```
CREATE VIEW activity_fatality AS
SELECT activity.activity,
       attacks.fatal
FROM attacks
JOIN activity USING (activity_id);
```

2. sex_fatality

```
CREATE VIEW sex_fatality AS
SELECT attacks.sex_id,
       attacks.fatal,
       count(*) AS antal_personer
FROM attacks
WHERE (attacks.sex_id = ANY (ARRAY[6, 7])) AND (attacks.fatal <> ALL (ARRAY['2017'::text,
'UNKNOWN'::text, '#VALUE!'::text]))
GROUP BY attacks.sex_id, attacks.fatal
ORDER BY attacks.sex_id, attacks.fatal;
```

3. value_pr_country

```
CREATE VIEW value_pr_country AS
SELECT
CASE
    WHEN country.country ~* 'USA'::text THEN 'UNITED STATES OF AMERICA'::text
    WHEN country.country ~* 'THE BALKANS'::text THEN 'GREECE'::text
    WHEN country.country ~* 'Sierra Leone'::text THEN 'SIERRA LEONE'::text
    WHEN country.country ~* 'PHILIPPINES'::text THEN 'PHILIPPINES'::text
    WHEN country.country ~* 'MEXICO'::text THEN 'MEXICO'::text
    WHEN country.country ~* 'Fiji'::text THEN 'FIJI'::text
    WHEN country.country ~* 'EGYPT '::text THEN 'EGYPT'::text
    WHEN country.country ~* 'UNITED ARAB EMIRATES (UAE)'::text THEN 'UNITED
ARAB EMIRATES'::text
    WHEN country.country ~* 'SOLOMON ISLANDS / VANUATU'::text THEN 'SOLOMON
ISLANDS'::text
    WHEN country.country ~* 'ITALY / CROATIA'::text THEN 'ITALY'::text
    WHEN country.country ~* 'IRAN / IRAQ'::text THEN 'IRAN'::text
    WHEN country.country ~* 'EGYPT / ISRAEL'::text THEN 'EGYPT'::text
    WHEN country.country ~* 'BETWEEN PORTUGAL & INDIA'::text THEN
'PORTUGAL'::text
    WHEN country.country ~* 'ASIA'::text THEN 'INDIA'::text
    WHEN country.country ~* 'ANDAMAN / NICOBAR ISLANDAS'::text THEN 'FIJI'::text
    WHEN country.country ~* 'ST. MAARTIN'::text THEN 'ST. MARTIN'::text
    WHEN country.country ~* 'ENGLAND'::text THEN 'UNITED KINGDOM'::text
    WHEN country.country ~* 'BAY OF BENGAL'::text THEN 'BANGLADESH'::text
    WHEN country.country ~* 'BRITISH VIRGIN ISLANDS'::text THEN 'UNITED
KINGDOM'::text
    WHEN country.country ~* 'FRENCH POLYNESIA'::text THEN 'FRANCE'::text
    WHEN country.country ~* 'GUAM'::text THEN 'UNITED STATES OF AMERICA'::text
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    WHEN country.country ~* 'OKINAWA'::text THEN 'JAPAN'::text
    WHEN country.country ~* 'NETHERLANDS ANTILLES'::text THEN
'NETHERLANDS'::text
    WHEN country.country ~* 'FALKLAND ISLANDS'::text THEN 'FALKLAND IS.'::text
    WHEN country.country ~* 'PALESTINIAN TERRITORIES'::text THEN 'PALESTINE'::text
    WHEN country.country ~* 'EQUATORIAL GUINEA / CAMEROON'::text THEN 'EQ.
GUINEA'::text
    WHEN country.country ~* 'SCOTLAND'::text THEN 'UNITED KINGDOM'::text
    WHEN country.country ~* 'JOHNSTON ISLAND'::text THEN 'UNITED STATES OF
AMERICA'::text
    WHEN country.country ~* 'BRITISH WEST INDIES'::text THEN 'UNITED
KINGDOM'::text
    WHEN country.country ~* 'THE BALKANS'::text THEN 'GREECE'::text
    WHEN country.country ~* 'SAN DOMINGO'::text THEN 'DOMINICAN REP.'::text
    WHEN country.country ~* 'DOMINICAN REPUBLIC'::text THEN 'DOMINICAN
REP.'::text
    WHEN country.country ~* 'AMERICAN SAMOA'::text THEN 'UNITED STATES OF
AMERICA'::text
    WHEN country.country ~* 'NEW BRITAIN'::text THEN 'PAPUA NEW GUINEA'::text
    WHEN country.country ~* 'KOREA'::text THEN 'SOUTH KOREA'::text
    WHEN country.country ~* 'BRITISH NEW GUINEA'::text THEN 'PAPUA NEW
GUINEA'::text
    WHEN country.country ~* 'CRETE'::text THEN 'GREECE'::text
    WHEN country.country ~* 'GULF OF ADEN'::text THEN 'YEMEN'::text
    WHEN country.country ~* 'COAST OF AFRICA'::text THEN 'SENEGAL'::text
    WHEN country.country ~* 'NEW GUINEA'::text THEN 'PAPUA NEW GUINEA'::text
    WHEN country.country ~* 'ADMIRALTY ISLANDS'::text THEN 'PAPUA NEW
GUINEA'::text
    WHEN country.country ~* 'COLUMBIA'::text THEN 'COLOMBIA'::text
    WHEN country.country ~* 'AZORES'::text THEN 'PORTUGAL'::text
    WHEN country.country ~* 'SOLOMON ISLANDS'::text THEN 'SOLOMON IS.'::text
    WHEN country.country ~* 'MARTINIQUE'::text THEN 'FRANCE'::text
    WHEN country.country ~* 'BRITISH ISLES'::text THEN 'UNITED KINGDOM'::text
    WHEN country.country ~* 'PERSIAN GULF'::text THEN 'IRAN'::text
    WHEN country.country ~* 'TRINIDAD & TOBAGO'::text THEN 'TRINIDAD AND
TOBAGO'::text
    WHEN country.country ~* 'BURMA'::text THEN 'MYANMAR'::text
    WHEN country.country ~* 'ST. MARTIN'::text THEN 'FRANCE'::text
    WHEN country.country ~* 'JAVA'::text THEN 'INDONESIA'::text
    WHEN country.country ~* 'HONG KONG'::text THEN 'CHINA'::text
    WHEN country.country ~* 'REUNION'::text THEN 'MADAGASCAR'::text
    WHEN country.country ~* 'ANTIGUA'::text THEN 'PUERTO RICO'::text
    WHEN country.country ~* 'MONACO'::text THEN 'FRANCE'::text
    WHEN country.country ~* 'TUVALU'::text THEN 'FIJI'::text
    WHEN country.country ~* 'WESTERN SAMOA'::text THEN 'FIJI'::text
    WHEN country.country ~* 'CAPE VERDE'::text THEN 'SENEGAL'::text
    WHEN country.country ~* 'SEYCHELLES'::text THEN 'MADAGASCAR'::text

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        WHEN country.country ~~~ 'BARBADOS'::text THEN 'VENEZUELA'::text
        WHEN country.country ~~~ 'MARSHALL ISLANDS'::text THEN 'SOLOMON IS.'::text
        WHEN country.country ~~~ 'NORTHERN MARIANA ISLANDS'::text THEN 'PAPUA NEW
GUINEA'::text
        WHEN country.country ~~~ 'CENTRAL PACIFIC'::text THEN 'UNITED STATES OF
AMERICA'::text
        WHEN country.country ~~~ 'CAYMAN ISLANDS'::text THEN 'CUBA'::text
        WHEN country.country ~~~ 'TURKS & CAICOS'::text THEN 'DOMINICAN REP.'::text
        WHEN country.country ~~~ 'NEVIS'::text THEN 'PUERTO RICO'::text
        WHEN country.country ~~~ 'MALTA'::text THEN 'ITALY'::text
        WHEN country.country ~~~ 'COOK ISLANDS'::text THEN 'FIJI'::text
        WHEN country.country ~~~ 'KIRIBATI'::text THEN 'FIJI'::text
        WHEN country.country ~~~ 'FEDERATED STATES OF MICRONESIA'::text THEN
'FIJI'::text
        WHEN country.country ~~~ 'PALAU'::text THEN 'PAPUA NEW GUINEA'::text
        WHEN country.country ~~~ 'MICRONESIA'::text THEN 'PAPUA NEW GUINEA'::text
        WHEN country.country ~~~ 'SINGAPORE'::text THEN 'MALAYSIA'::text
        WHEN country.country ~~~ 'GRENADA'::text THEN 'VENEZUELA'::text
        WHEN country.country ~~~ 'ARUBA'::text THEN 'VENEZUELA'::text
        WHEN country.country ~~~ 'DIEGO GARCIA'::text THEN 'SRI LANKA'::text
        WHEN country.country ~~~ 'BAHREIN'::text THEN 'QATAR'::text
        WHEN country.country ~~~ 'TONGA'::text THEN 'FIJI'::text
        WHEN country.country ~~~ 'GRAND CAYMAN'::text THEN 'CUBA'::text
        WHEN country.country ~~~ 'CURACAO'::text THEN 'VENEZUELA'::text
        WHEN country.country ~~~ 'MAYOTTE'::text THEN 'MADAGASCAR'::text
        WHEN country.country ~~~ 'MALDIVE ISLANDS'::text THEN 'MADAGASCAR'::text
        WHEN country.country ~~~ 'SAMOA'::text THEN 'FIJI'::text
        WHEN country.country ~~~ 'BERMUDA'::text THEN 'BAHAMAS'::text
        WHEN country.country ~~~ 'MAURITIUS'::text THEN 'MADAGASCAR'::text
        ELSE btrim(upper(country.country))
    END AS name,
    count(*) AS value
FROM attacks
    JOIN country ON country.country_id = attacks.country_id
WHERE country.country !~~~ '%SEA%'::text AND country.country !~~~ '%OCEAN%'::text
GROUP BY (
    CASE
        WHEN country.country ~~~ 'USA'::text THEN 'UNITED STATES OF AMERICA'::text
        WHEN country.country ~~~ 'THE BALKANS'::text THEN 'GREECE'::text
        WHEN country.country ~~~ 'Sierra Leone'::text THEN 'SIERRA LEONE'::text
        WHEN country.country ~~~ 'PHILIPPINES'::text THEN 'PHILIPPINES'::text
        WHEN country.country ~~~ 'MEXICO'::text THEN 'MEXICO'::text
        WHEN country.country ~~~ 'Fiji'::text THEN 'FIJI'::text
        WHEN country.country ~~~ 'EGYPT '::text THEN 'EGYPT'::text
        WHEN country.country ~~~ 'UNITED ARAB EMIRATES (UAE)'::text THEN 'UNITED
ARAB EMIRATES'::text

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        WHEN country.country ~* 'SOLOMON ISLANDS / VANUATU'::text THEN 'SOLOMON
ISLANDS'::text
        WHEN country.country ~* 'ITALY / CROATIA'::text THEN 'ITALY'::text
        WHEN country.country ~* 'IRAN / IRAQ'::text THEN 'IRAN'::text
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        WHEN country.country ~* 'BETWEEN PORTUGAL & INDIA'::text THEN
'PORTUGAL'::text
        WHEN country.country ~* 'ASIA'::text THEN 'INDIA'::text
        WHEN country.country ~* 'ANDAMAN / NICOBAR ISLANDS'::text THEN 'FIJI'::text
        WHEN country.country ~* 'ST. MAARTIN'::text THEN 'ST. MARTIN'::text
        WHEN country.country ~* 'ENGLAND'::text THEN 'UNITED KINGDOM'::text
        WHEN country.country ~* 'BAY OF BENGAL'::text THEN 'BANGLADESH'::text
        WHEN country.country ~* 'BRITISH VIRGIN ISLANDS'::text THEN 'UNITED
KINGDOM'::text
        WHEN country.country ~* 'FRENCH POLYNESIA'::text THEN 'FRANCE'::text
        WHEN country.country ~* 'GUAM'::text THEN 'UNITED STATES OF AMERICA'::text
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        WHEN country.country ~* 'ADMIRALTY ISLANDS'::text THEN 'PAPUA NEW
GUINEA'::text
        WHEN country.country ~* 'COLUMBIA'::text THEN 'COLOMBIA'::text
        WHEN country.country ~* 'AZORES'::text THEN 'PORTUGAL'::text
        WHEN country.country ~* 'SOLOMON ISLANDS'::text THEN 'SOLOMON IS.'::text

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WHEN country.country ~* 'MARTINIQUE'::text THEN 'FRANCE'::text
WHEN country.country ~* 'BRITISH ISLES'::text THEN 'UNITED KINGDOM'::text
WHEN country.country ~* 'PERSIAN GULF'::text THEN 'IRAN'::text
WHEN country.country ~* 'TRINIDAD & TOBAGO'::text THEN 'TRINIDAD AND
TOBAGO'::text
WHEN country.country ~* 'BURMA'::text THEN 'MYANMAR'::text
WHEN country.country ~* 'ST. MARTIN'::text THEN 'FRANCE'::text
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WHEN country.country ~* 'MALDIVE ISLANDS'::text THEN 'MADAGASCAR'::text
WHEN country.country ~* 'SAMOA'::text THEN 'FIJI'::text
WHEN country.country ~* 'BERMUDA'::text THEN 'BAHAMAS'::text
WHEN country.country ~* 'MAURITIUS'::text THEN 'MADAGASCAR'::text
ELSE btrim(upper(country.country))
END);

```

4. ERD-Diagram over vores database

