CODE OF THE TABLES CREATION

```sql
CREATE TABLE if not exists receiving_country(

  id_receive INT NOT NULL AUTO_INCREMENT,

  cname_receive varchar(40),

  ccodealp_receive varchar(3),

  ccode_receive int not null,

  ccodeCOW_receive int not null,

  region_receive int not null,

  GME_receive int not null,

  FFP_receive int not null,

  primary key (id_receive)

);


CREATE TABLE if not exists sending_country(

  id_send INT NOT NULL AUTO_INCREMENT,

  ccode_send int not null,

  ccodealp_send varchar(3),

  cname_send varchar(40),

  ccodeCOW_send int not null,

  region_send int not null,

  GME_send int not null,

  v2lgfemleg_send decimal(10,2),

  FFP_send int not null,

  primary key (id_send)

);


CREATE TABLE if not exists diplomats(

  id_diplomats int not null auto_increment,

  year_mission year,

  ccode_send int not null,

  ccode_receive int not null,
```

```
  title int not null,

  gender int not null,

  main_posting int not null,

  primary key (id_diplomats)

);
```

CODE TO IMPORT THE DATA OF THE DATASET

```
/* LOAD DATA INFILE 'C:\\GenDip_Dataset.csv'

INTO TABLE receiving_country

FIELDS TERMINATED BY ','

OPTIONALLY ENCLOSED BY '"'

IGNORE 1 LINES

(@dummy1, @dummy2, @dummy3, @dummy4, @col1, @col2, @col3, @col4, @col5, @col6, @col7)

SET cname_receive = @col1, ccodealp_receive = @col2, ccode_receive = @col3,

ccodeCOW_receive = @col4, region_receive = @col5, GME_receive = @col6, FFP_receive = @col7; */


/* LOAD DATA INFILE 'C:\\GenDip_Dataset.csv'

INTO TABLE sending_country

FIELDS TERMINATED BY ','

OPTIONALLY ENCLOSED BY '"'

IGNORE 1 LINES

(@dummy1, @dummy2, @dummy3, @dummy4, @dummy5, @dummy6, @dummy7, @dummy8,
@dummy9, @dummy10, @dummy11,

 @col1, @col2, @col3, @col4, @col5, @col6, @col7, @col8)

SET cname_send = @col1, ccodealp_send = @col2, ccode_send = @col3,

ccodeCOW_send = @col4, region_send = @col5, GME_send = @col6, v2lgfemleg_send = REPLACE(@col7,
',', '.'), FFP_send = @col8; */


LOAD DATA INFILE 'C:\\GenDip_Dataset.csv'

INTO TABLE diplomats

FIELDS TERMINATED BY ','

OPTIONALLY ENCLOSED BY '"'

IGNORE 1 LINES
```

(@col1, @col2, @col3, @col4, @dummy1, @dummy2, @col5, @dummy3, @dummy4, @dummy5, @dummy6, @dummy7, @dummy8, @col6)

SET year_mission = @col1, main_posting = @col2, title = @col3,

gender = @col4, ccode_receive = @col5, ccode_send = @col6;

CODE AND RESULTS OF THE QUERIES

How many women have been sent on a mission in the first and last year of the dataset.

I find the first and last year and I use them to count the number of women.

```
17   SELECT COUNT(gender) AS TotaleDonne
18   FROM diplomats
19   WHERE gender = 1 AND year_mission = 1968;
20
21
22
23
```

TotaleDonne ▲
1	29

```
diplomats [all]     <> Query #1  ●   ⊕

6   SELECT
7   MIN(year_mission) AS PrimoAnno_Dataset,
8   MAX(year_mission) AS UltimoAnnoDataSet
9   FROM diplomats;
10
11  E li utilizzo per contare le occorrenze delle donne.*/
12
13  SELECT COUNT(gender) AS TotaleDonne
14  FROM diplomats
15  WHERE gender = 1 AND year_mission = 2021;
16
17  /* SELECT COUNT(gender) AS TotaleDonne
18  FROM diplomats
19  WHERE gender = 1 AND year_mission = 1968; */
20
21
22
23
```
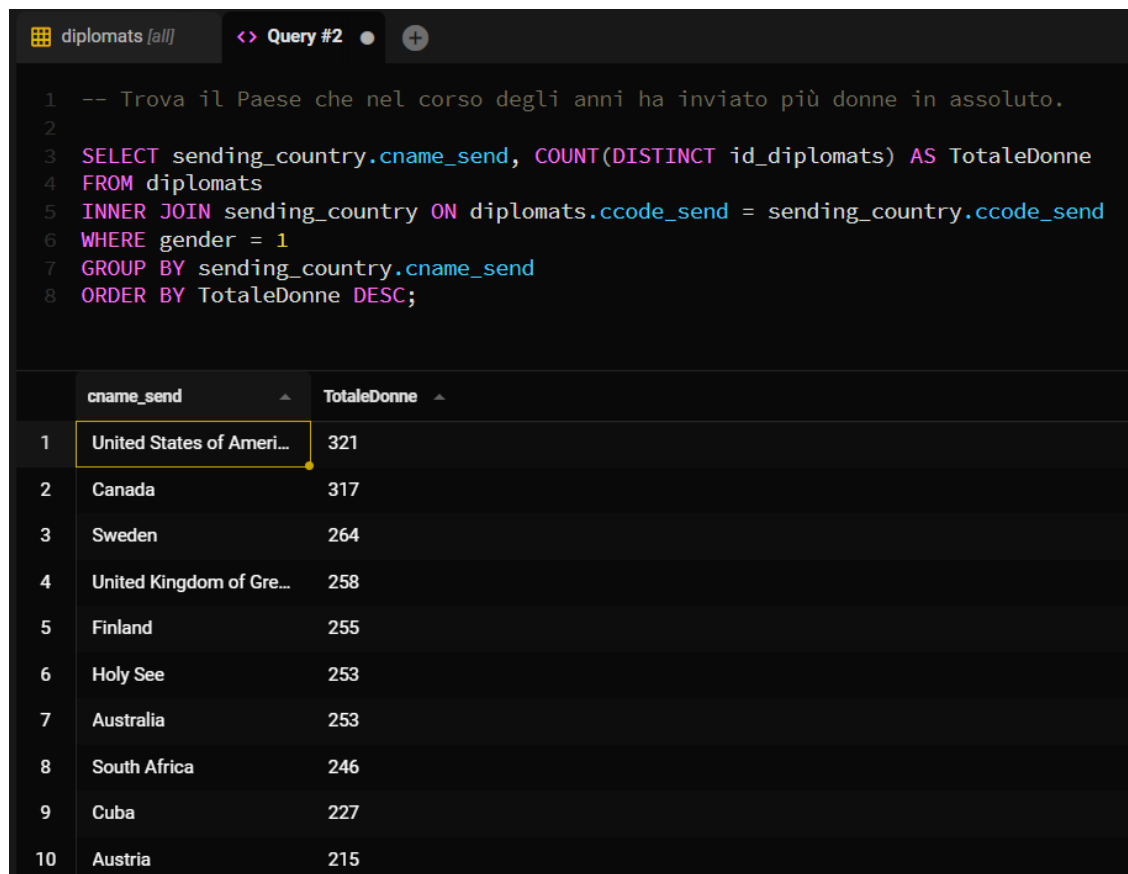
TotaleDonne ▲
1	3482

I find the number of diplomats during those years to create a bar chart for the comparison.

SELECT COUNT(DISTINCT id_diplomats)

FROM diplomats

WHERE year_mission = 2021;

SELECT COUNT(DISTINCT id_diplomats)

FROM diplomats

WHERE year_mission = 1968;

What is the country that during the years sent the highest number of women.

```
1   -- Trova il Paese che nel corso degli anni ha inviato più donne in assoluto.
2
3   SELECT sending_country.cname_send, COUNT(DISTINCT id_diplomats) AS TotaleDonne
4   FROM diplomats
5   INNER JOIN sending_country ON diplomats.ccode_send = sending_country.ccode_send
6   WHERE gender = 1
7   GROUP BY sending_country.cname_send
8   ORDER BY TotaleDonne DESC;
```

	cname_send	TotaleDonne
1	United States of Ameri…	321
2	Canada	317
3	Sweden	264
4	United Kingdom of Gre…	258
5	Finland	255
6	Holy See	253
7	Australia	253
8	South Africa	246
9	Cuba	227
10	Austria	215

How many men and women have been sent from the countries which declared to have a feminist foreign policy.

```
diplomats [all]    <> Query #3  ●    +

1   -- Calcola in due query separate quanti uomini e quante donne so
2
3   SELECT COUNT(DISTINCT id_diplomats) AS TotaleUomini
4   FROM diplomats
5   INNER JOIN sending_country ON diplomats.ccode_send = sending_cour
6   WHERE gender = 0 AND FFP_send = 1;
7
8   /* SELECT COUNT(DISTINCT id_diplomats) AS TotaleDonne
9   FROM diplomats
10  INNER JOIN sending_country ON diplomats.ccode_send = sending_cour
11  WHERE gender = 1 AND FFP_send = 1; */
12
13
14
15
16
17
```

	TotaleUomini ▲
1	5480

```
7
8   SELECT COUNT(DISTINCT id_diplomats) AS TotaleDonne
9   FROM diplomats
10  INNER JOIN sending_country ON diplomats.ccode_send = sending_country.ccode_send
11  WHERE gender = 1 AND FFP_send = 1;
12
13
14
15
16
17
```

	TotaleDonne ▲
1	1044

How many men and women have been sent from America and Europe from 2000 to 2021.

```
diplomats [all]    <> Query #4  ●  +

1   -- Calcola in due query separate quante donne e quanti uomini sono stati inviati dall'America e dall'Europa dal 2000 al 2021.
2
3   SELECT COUNT(DISTINCT id_diplomats) AS TotaleDonne
4   FROM diplomats
5   INNER JOIN sending_country ON diplomats.ccode_send = sending_country.ccode_send
6   WHERE gender = 1 AND region_send IN (2,3,7)
7   AND year_mission BETWEEN 2000 AND 2021;
8
9   /* SELECT COUNT(DISTINCT id_diplomats) AS TotaleUomini
10  FROM diplomats
11  INNER JOIN sending_country ON diplomats.ccode_send = sending_country.ccode_send
12  WHERE gender = 0 AND region_send IN (2,3,7)
13  AND year_mission BETWEEN 2000 AND 2021; */
14
15
16
17

                                                        Save    Ru
```

TotaleDonne ▲
1   6416

```
8
9   SELECT COUNT(DISTINCT id_diplomats) AS TotaleUomini
10  FROM diplomats
11  INNER JOIN sending_country ON diplomats.ccode_send = sending_country.ccode_send
12  WHERE gender = 0 AND region_send IN (2,3,7)
13  AND year_mission BETWEEN 2000 AND 2021;
14
15
16
17

                                                        Save    Ru
```

TotaleUomini ▲
1   27566

How many men and women have been sent from Asia from 2000 to 2021.

```
1   -- Calcola in due query separate quante donne e quanti uomini sono stati inviati dall'Asia dal 2000 al 2021.
2
3   SELECT COUNT(DISTINCT id_diplomats) AS TotaleDonne
4   FROM diplomats
5   INNER JOIN sending_country ON diplomats.ccode_send = sending_country.ccode_send
6   WHERE gender = 1 AND region_send = 1
7   AND year_mission BETWEEN 2000 AND 2021;
8
9   /* SELECT COUNT(DISTINCT id_diplomats) AS TotaleUomini
10  FROM diplomats
11  INNER JOIN sending_country ON diplomats.ccode_send = sending_country.ccode_send
12  WHERE gender = 0 AND region_send = 1
13  AND year_mission BETWEEN 2000 AND 2021; */
14
15
16
17
```

TotaleDonne ▲
1	1186

```
8
9   SELECT COUNT(DISTINCT id_diplomats) AS TotaleUomini
10  FROM diplomats
11  INNER JOIN sending_country ON diplomats.ccode_send = sending_country.ccode_send
12  WHERE gender = 0 AND region_send = 1
13  AND year_mission BETWEEN 2000 AND 2021;
14
15
16
17
```

TotaleUomini ▲
1	11663

How many men and women have been sent from GME countries from 2000 to 2021.

```
1   -- Calcola in due query separate quante donne e quanti uomini sono stati inviati da Paesi GME dal 2000 al 2021.
2
3   SELECT COUNT(DISTINCT id_diplomats) AS TotaleDonne
4   FROM diplomats
5   INNER JOIN sending_country ON diplomats.ccode_send = sending_country.ccode_send
6   WHERE gender = 1 AND GME_send = 1
7   AND year_mission BETWEEN 2000 AND 2021;
8
9   /* SELECT COUNT(DISTINCT id_diplomats) AS TotaleUomini
10  FROM diplomats
11  INNER JOIN sending_country ON diplomats.ccode_send = sending_country.ccode_send
12  WHERE gender = 0 AND GME_send = 1
13  AND year_mission BETWEEN 2000 AND 2021; */
14
15
16
17
```

TotaleDonne ▲
1	852

```
 8
 9  SELECT COUNT(DISTINCT id_diplomats) AS TotaleUomini
10  FROM diplomats
11  INNER JOIN sending_country ON diplomats.ccode_send = sending_country.ccode_send
12  WHERE gender = 0 AND GME_send = 1
13  AND year_mission BETWEEN 2000 AND 2021;
14
15
16
17
```

TotaleUomini ▲
1	11133

How many women have been received in Italy throughout the whole dataset timeframe.

```
 1  -- Calcola quante donne sono state ricevute in Italia per tutto il periodo del dataset.
 2
 3  SELECT COUNT(DISTINCT id_diplomats) AS TotaleDonne
 4  FROM diplomats
 5  INNER JOIN receiving_country ON diplomats.ccode_receive = receiving_country.ccode_receive
 6  WHERE gender = 1 AND ccodealp_receive = 'ITA';
 7
 8
 9
10
11
12
13
14
15
16
```

TotaleDonne ▲
1	194

How many men and women have been sent from GME countries with a title of 3 or 98 have been received in Italy in 2021.

```
1   /* Calcola in due query separate quante donne e quanti uomini che erano stati inviati da Paesi GME
2   con titolo pari a 3 o 98 sono stati ricevuti in Italia nel 2021. */
3
4   SELECT COUNT(DISTINCT id_diplomats) AS TotaleDonne
5   FROM diplomats
6   INNER JOIN receiving_country ON diplomats.ccode_receive = receiving_country.ccode_receive
7   INNER JOIN sending_country ON diplomats.ccode_send = sending_country.ccode_send
8   WHERE
9     gender = 1 AND
10    ccodealp_receive = 'ITA' AND
11    GME_send = 1  AND
12    title IN (3,98) AND
13    year_mission = 2021;
14
15  /* SELECT COUNT(DISTINCT id_diplomats) AS TotaleUomini
16  FROM diplomats
17  INNER JOIN receiving_country ON diplomats.ccode_receive = receiving_country.ccode_receive
```

TotaleDonne ▲
1 4

```
15  SELECT COUNT(DISTINCT id_diplomats) AS TotaleUomini
16  FROM diplomats
17  INNER JOIN receiving_country ON diplomats.ccode_receive = receiving_country.ccode_receive
18  INNER JOIN sending_country ON diplomats.ccode_send = sending_country.ccode_send
19  WHERE
20    gender = 0 AND
21    ccodealp_receive = 'ITA' AND
22    GME_send = 1  AND
23    title IN (3,98) AND
24    year_mission = 2021;
25
26
27
28
```

TotaleUomini ▲

What is the GME country that sent the highest number of women with the title of ambassador in Italy.

```sql
1    -- Trova il Paese GME che ha inviato più donne con titolo da ambasciatrice in Italia.
2
3    SELECT sending_country.cname_send, COUNT(DISTINCT id_diplomats) AS TotaleDonne
4    FROM diplomats
5    INNER JOIN sending_country ON diplomats.ccode_send = sending_country.ccode_send
6    INNER JOIN receiving_country ON diplomats.ccode_receive = receiving_country.ccode_receive
7    WHERE gender = 1 AND
8      ccodealp_receive = 'ITA' AND
9      GME_send = 1  AND
10     title = 3
11   GROUP BY sending_country.cname_send
12   ORDER BY TotaleDonne DESC
13   LIMIT 1;
14
15
16
17
```

cname_send	TotaleDonne
Palestine	3