- A list of the top 25 oldest board games (in AD) from the board game dataset:

Query-

```sql
select Name, Year_Published from `board_games.details`
where Year_Published is not null and Year_Published>0
order by Year_Published
limit 25;
```

Output:

Row	Name	Year_Published
1	Pachisi	400
2	Hnefatafl	400
3	Yut Nori	500
4	Oware	550
5	Mia	600
6	Chaturanga	650
7	Go-Moku	700
8	Kalah	700
9	Xiangqi	762
10	Alquerque	1000
11	Bagh Chal	1000
12	Craps	1125
13	Checkers	1150
14	Chu Shogi	1300
15	Turkish Checkers	1400
16	Italian Checkers	1400
17	Spanish Checkers	1400
18	Fox and Geese	1400

- Top 5 games released every year based on the number of user ratings, along with their avg ratings, min and max players, and play time from 2010 to 2022
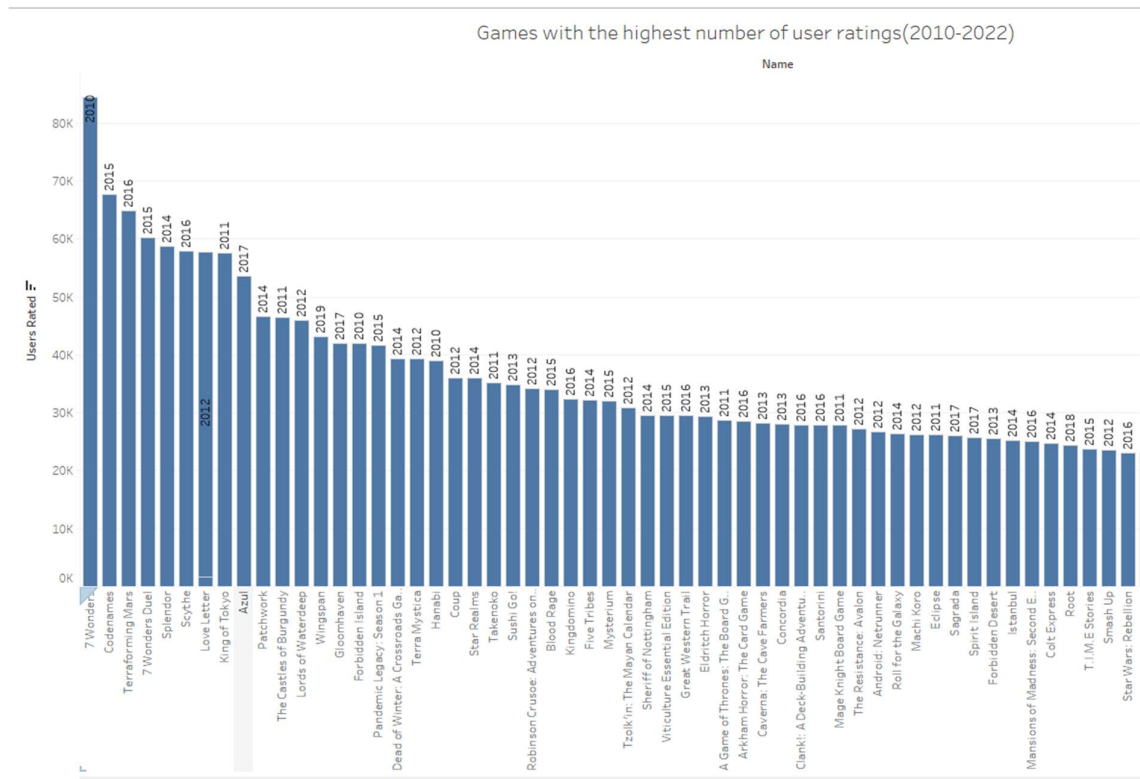
Query-

```
select Name, Year_Published,
Users_Rated,Rating_Average,Min_Players,Max_Players,Play_Time
from( select  Name, Year_Published, Users_Rated,
dense_rank()over(partition by Year_Published order by Users_Rated desc) as top,
Rating_Average,Min_Players,Max_Players,Play_Time
from `board_games.details`)t
where top<=5 and Year_Published >=2010
order by Year_Published, Users_Rated desc;
```

Output:

Row	Name	Year_Published	Users_Rated	Rating_Average	Min_Players	Max_Players	Play_Time
1	7 Wonders	2010	84371	7	2	7	30
2	Forbidden Island	2010	42018	6	2	4	30
3	Hanabi	2010	38927	7	2	5	25
4	Troyes	2010	18930	7	2	4	90
5	Dominant Species	2010	18018	7	2	6	240
6	King of Tokyo	2011	57621	7	2	6	30
7	The Castles of Burgundy	2011	46507	8	2	4	90
8	Takenoko	2011	35214	7	2	4	45
9	A Game of Thrones: The Board ...	2011	28650	7	3	6	240
10	Mage Knight Board Game	2011	27850	8	1	4	240
11	Love Letter	2012	56013	7	2	4	20
12	Lords of Waterdeep	2012	45929	7	2	5	120
13	Terra Mystica	2012	39284	8	2	5	150
14	Coup	2012	36020	7	2	6	15
15	Robinson Crusoe: Adventures ...	2012	34179	7	1	4	120
16	Sushi Go!	2013	34794	7	2	5	15
17	Eldritch Horror	2013	29347	7	1	8	240
18	Caverna: The Cave Farmers	2013	28123	8	1	7	210
19	Concordia	2013	28105	8	2	5	100
20	Forbidden Desert	2013	25599	7	2	5	45
21	Splendor	2014	58709	7	2	4	30

- Games with the highest number of user ratings in 2010-2022:

Games with the highest number of user ratings(2010-2022)

Name

- Top 10 most rated games of all time along with their avg rating, min and max players

Query-

```sql
select Name, Users_Rated, Year_Published, Rating_Average,Min_Players,Max_Players
from(
select Name, Users_Rated,Year_Published,Rating_Average, Min_Players,Max_Players
from `board_games.details`
group by Users_Rated, Name,Year_Published, Rating_Average,Min_Players,Max_Players)t
order by Users_Rated desc
limit 10;
```

Output-

Row	Name	Users_Rated	Year_Published	Rating_Average	Min_Players	Max_Players
1	Pandemic	102214	2008	7	2	4
2	Carcassonne	101853	2000	7	2	5
3	Catan	101510	1995	7	3	4
4	7 Wonders	84371	2010	7	2	7
5	Dominion	78089	2008	7	2	4
6	Ticket to Ride	71611	2004	7	2	5
7	Codenames	67688	2015	7	2	8
8	Terraforming Mars	64864	2016	8	1	5
9	Agricola	63498	2007	7	1	5
10	Puerto Rico	63128	2002	7	3	5

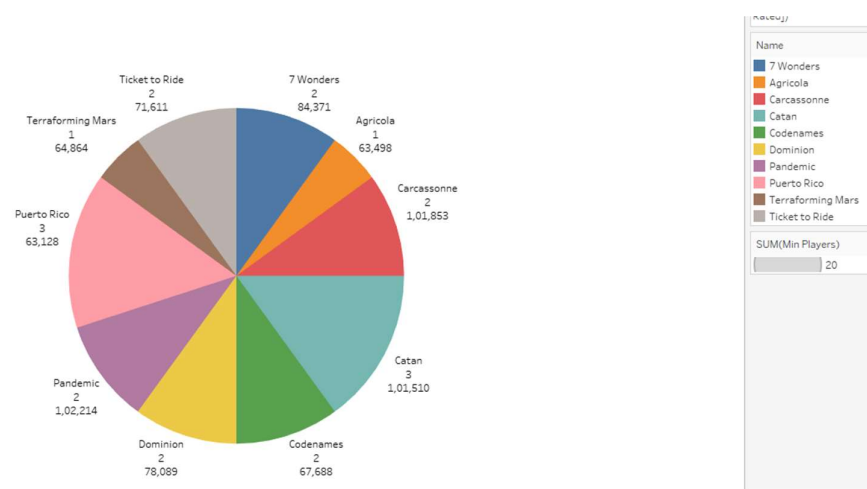- Top 25 Board games with min number of players = 2

Query-

```sql
select Name,Users_Rated,Rating_Average,Min_Players,Max_Players,Play_Time
from `board_games.details`
where Min_Players =2
Order by Users_Rated desc
limit 25;
```

Output-

Row	Name	Users_Rated	Rating_Average	Min_Players	Max_Players	Play_Time
1	Pandemic	102214	7	2	4	45
2	Carcassonne	101853	7	2	5	45
3	7 Wonders	84371	7	2	7	30
4	Dominion	78089	7	2	4	30
5	Ticket to Ride	71611	7	2	5	60
6	Codenames	67688	7	2	8	15
7	Small World	61747	7	2	5	80
8	7 Wonders Duel	60302	8	2	2	30
9	Splendor	58709	7	2	4	30
10	Ticket to Ride: Europe	58608	7	2	5	60
11	King of Tokyo	57621	7	2	6	30
12	Power Grid	56214	7	2	6	120
13	Love Letter	56013	7	2	4	20
14	Azul	53615	7	2	4	45
15	Citadels	48360	7	2	8	60
16	Patchwork	46536	7	2	2	30
17	The Castles of Burgundy	46507	8	2	4	90
18	Race for the Galaxy	46393	7	2	4	60

Top 10 user-rated games and the minimum number of players:

- Highest rated games and the minimum age:

Highest rated games and their minimum age