SQL Project

Shark Tank India

Creating Database

Create Database shark_tank;

Use Database

Use shark_tank;

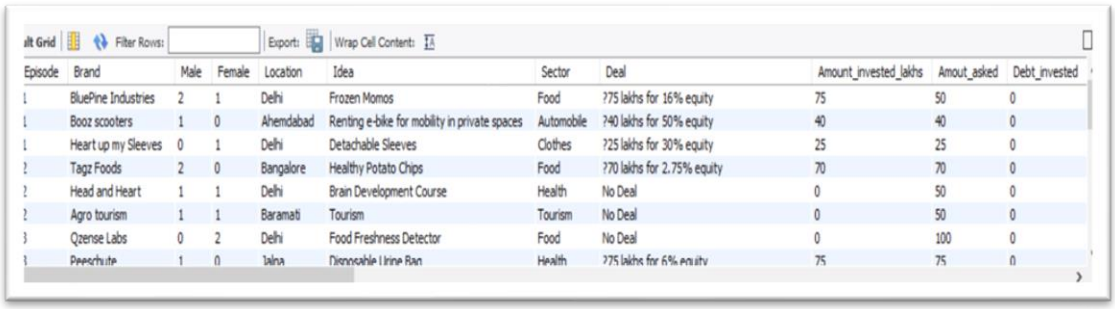
Inserting Data

Data insert using Table Data Import Wizard

Table name : shark_data

Read data

select * from shark_data;



Episode	Brand	Male	Female	Location	Idea	Sector	Deal	Amount_invested_lakhs	Amout_asked	Debt_invested
1	BluePine Industries	2	1	Delhi	Frozen Momos	Food	?75 lakhs for 16% equity	75	50	0
1	Booz scooters	1	0	Ahemdabad	Renting e-bike for mobility in private spaces	Automobile	?40 lakhs for 50% equity	40	40	0
1	Heart up my Sleeves	0	1	Delhi	Detachable Sleeves	Clothes	?25 lakhs for 30% equity	25	25	0
2	Tagz Foods	2	0	Bangalore	Healthy Potato Chips	Food	?70 lakhs for 2.75% equity	70	70	0
2	Head and Heart	1	1	Delhi	Brain Development Course	Health	No Deal	0	50	0
2	Agro tourism	1	1	Baramati	Tourism	Tourism	No Deal	0	50	0
3	Qzense Labs	0	2	Delhi	Food Freshness Detector	Food	No Deal	0	100	0
3	Peecbute	1	0	Jalna	Disposable Urine Bag	Health	?75 lakhs for 6% equity	75	75	0

Questions

1. **Total Episodes**

   select count(distinct Episode) as total_episode from shark_data;

2. **Total Pitches**

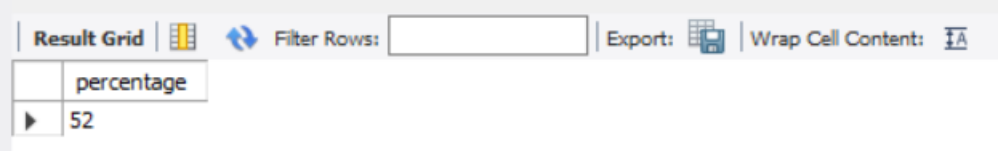
   select count(distinct brand) as total_pitches from shark_data;

3. **From total pitches how many get funding converted**

   select sum(a.converted_not_converted) as get_funding,count(*) as total_pitches from
   (select Amount_invested_lakhs , case when Amount_invested_lakhs>0 then 1 else 0 end as converted_not_converted from shark_data) a;

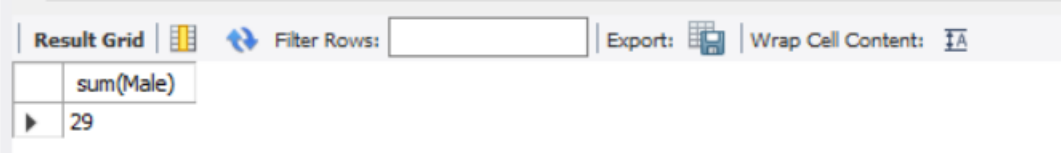
4. **Percentage of pitches get funding converted**

```
select (cast(sum(a.converted_not_converted ) as float)/
cast(count(*) as float))*100 as percentage from
(select Amount_invested_lakhs , case when
Amount_invested_lakhs>0 then 1 else 0 end as
converted_not_converted from shark_data) a;
```



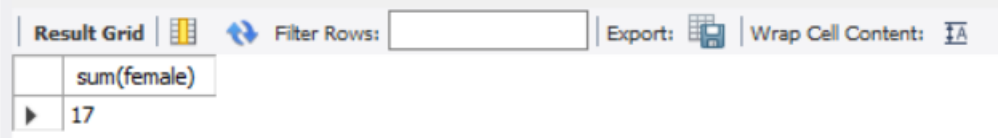
5. **Total male**

```
select sum(Male) from shark_data;
```



6. **Total female**

```
select sum(female) from shark_data;
```



7. **Gender ratio**

```
Select (sum(female)/sum(male))*100 as ratio from shark_data;
```

8. Total invested amount

```
select sum(Amount_invested_lakhs) from shark_data;
```

9. Average equity taken

```
select avg(a.Equity_taken) as avg_equity from
(select * from shark_data where Equity_taken>0) a;
```

10. Highest deal taken

```
select max(Amount_invested_lakhs) from shark_data;
```

11. Higheest equity taken

```
select max(Equity_taken) from shark_data;
```

12. Startups having at least women

```
select sum(a.female_count) as startup_with_atleast_one_women
from (
select female,case when female>0 then 1 else 0 end as
female_count from shark_data) a;
```


Result Grid | Filter Rows: | Export: | Wrap Cell Content:

	startup_with_atleast_one_women
▶	14

13. Average team members

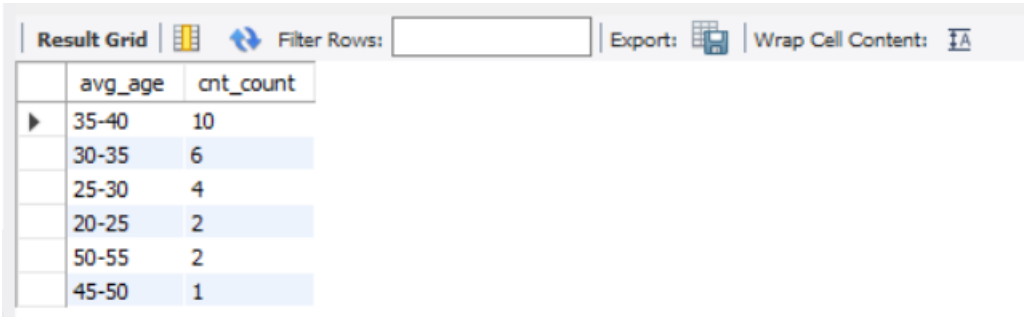
```
select avg(team_members) from shark_data;
```


Result Grid | Filter Rows: | Export: | Wrap Cell Content:

	avg(team_members)
▶	1.8400

14. Average age group of contestants

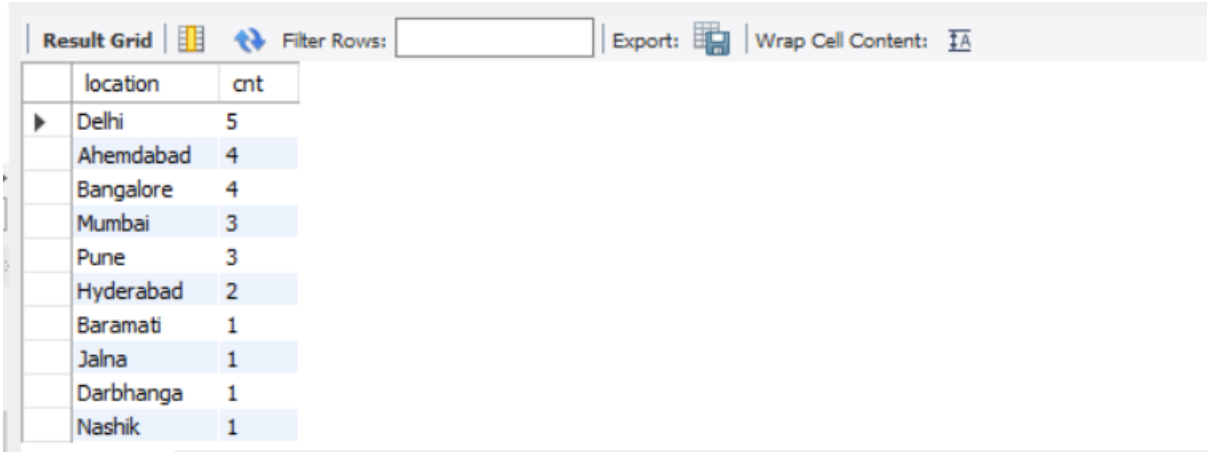
```
select avg_age,count(avg_age) as cnt_count from shark_data
group by avg_age order by cnt_count desc;
```


Result Grid | Filter Rows: | Export: | Wrap Cell Content:

	avg_age	cnt_count
▶	35-40	10
	30-35	6
	25-30	4
	20-25	2
	50-55	2
	45-50	1

15. Location of contestants

select location,count(location) cnt from shark_data group by location order by cnt desc;

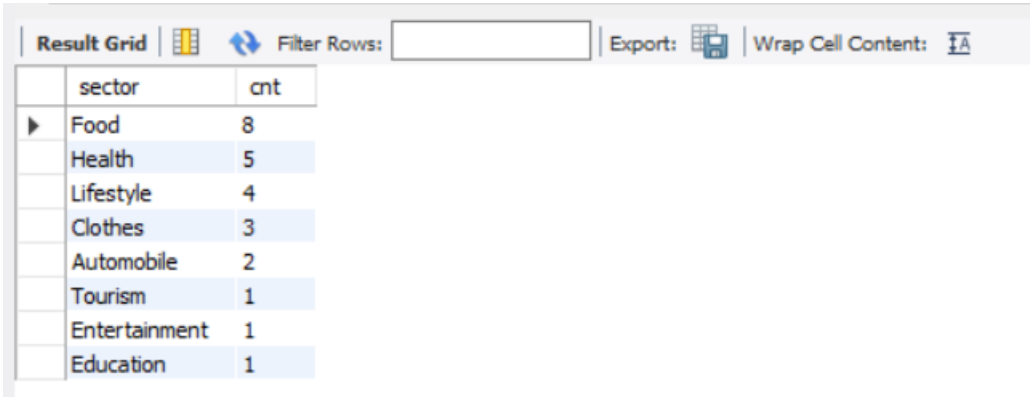


Result Grid | Filter Rows: | Export: | Wrap Cell Content:

location	cnt
Delhi	5
Ahemdabad	4
Bangalore	4
Mumbai	3
Pune	3
Hyderabad	2
Baramati	1
Jalna	1
Darbhanga	1
Nashik	1

16. Contestants from each sector

select sector,count(sector) cnt from shark_data group by sector order by cnt desc;

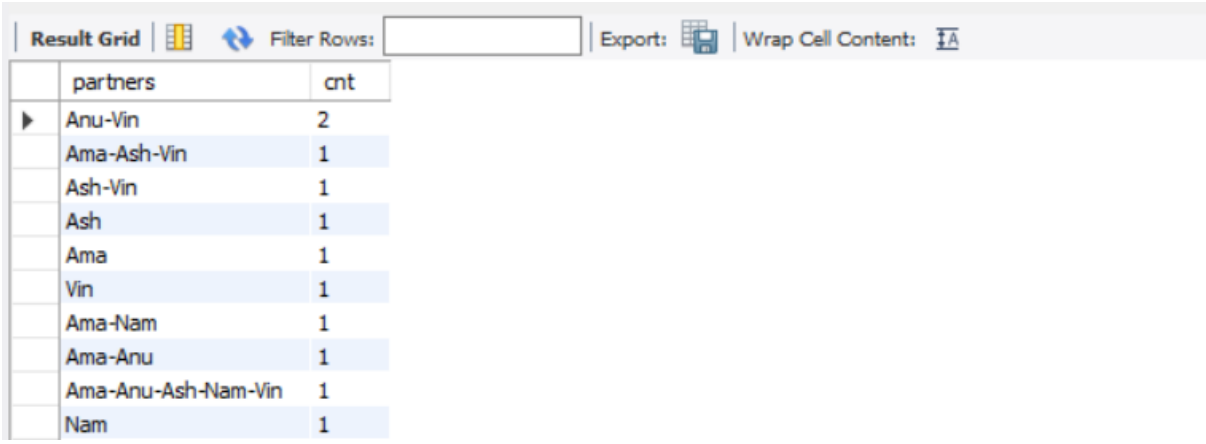


Result Grid | Filter Rows: | Export: | Wrap Cell Content:

sector	cnt
Food	8
Health	5
Lifestyle	4
Clothes	3
Automobile	2
Tourism	1
Entertainment	1
Education	1

17. No of partner deals

select partners,count(partners) cnt from shark_data where partners!='-' group by partners order by cnt desc;

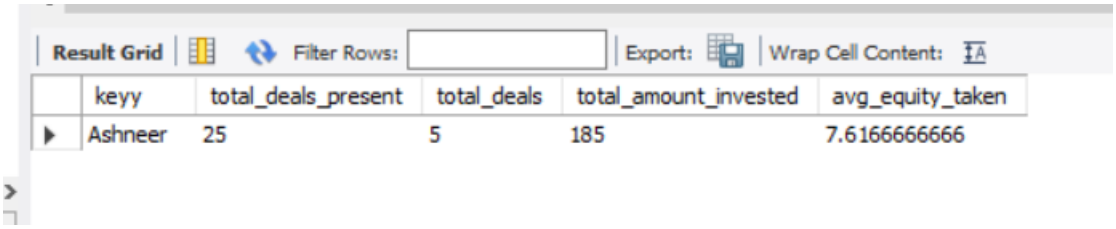


Result Grid | Filter Rows: | Export: | Wrap Cell Content:

partners	cnt
Anu-Vin	2
Ama-Ash-Vin	1
Ash-Vin	1
Ash	1
Ama	1
Vin	1
Ama-Nam	1
Ama-Anu	1
Ama-Anu-Ash-Nam-Vin	1
Nam	1

18. Making the matrix for Ashneer

```
select
m.keyy,m.total_deals_present,m.total_deals,n.total_amount_invested,n.avg_
equity_taken from(
select a.keyy,a.total_deals_present,b.total_deals from(
select 'Ashneer' as keyy,count(Ashneer_amount_invested) as
total_deals_present from shark_data where Ashneer_amount_invested is not
null)a
inner join
(select 'Ashneer' as keyy,count(Ashneer_amount_invested) as total_deals
from shark_data
where Ashneer_amount_invested is not null AND
Ashneer_amount_invested!=0) b
on a.keyy=b.keyy) m
inner join
(SELECT 'Ashneer' as keyy,SUM(C.ASHNEER_AMOUNT_INVESTED) as
total_amount_invested,
AVG(C.ASHNEER_EQUITY_TAKEN) as avg_equity_taken
FROM (SELECT * FROM shark_DATA  WHERE ASHNEER_EQUITY_TAKEN!=0
AND ASHNEER_EQUITY_TAKEN IS NOT NULL) C) n
on m.keyy=n.keyy;
```

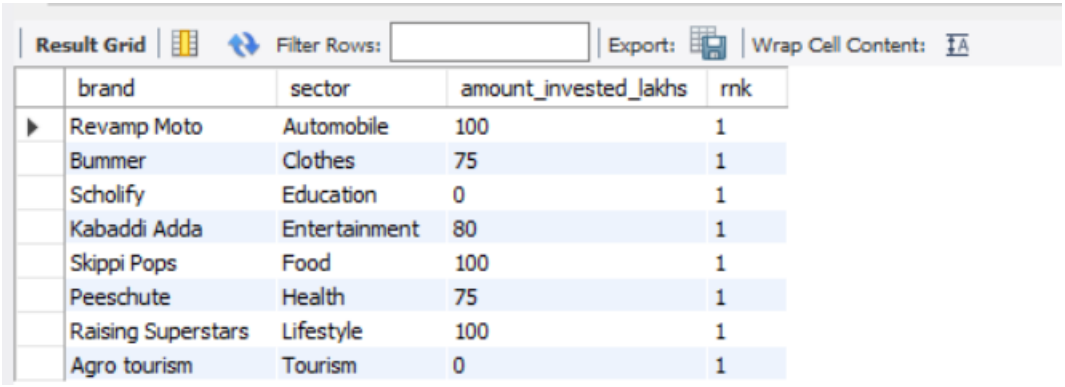


Result Grid | Filter Rows: | Export: | Wrap Cell Content:

keyy	total_deals_present	total_deals	total_amount_invested	avg_equity_taken
Ashneer	25	5	185	7.6166666666

19. which is the startup in which the highest amount has been invested in each domain/sector

```
select c.* from
(select brand,sector,amount_invested_lakhs,rank() over(partition
by sector order by amount_invested_lakhs desc) rnk
from shark_data) c
where c.rnk=1;
```



Result Grid | Filter Rows: | Export: | Wrap Cell Content:

brand	sector	amount_invested_lakhs	rnk
Revamp Moto	Automobile	100	1
Bummer	Clothes	75	1
Scholify	Education	0	1
Kabaddi Adda	Entertainment	80	1
Skippi Pops	Food	100	1
Peeschute	Health	75	1
Raising Superstars	Lifestyle	100	1
Agro tourism	Tourism	0	1