

```
CREATE DATABASE project_sharktank;
```

```
USE project_sharktank;
```

```
SELECT * FROM shark_tank;
```

#### **-- TOTAL EPISODES**

```
SELECT COUNT(DISTINCT epno) FROM shark_tank;
```

#### **-- TOTAL PITCHES**

```
SELECT COUNT(DISTINCT brand) FROM shark_tank;
```

#### **-- HOW MANY PITCHES ARE RECEIVED FUNDING**

```
SELECT SUM(a.converted_not_converted) AS funding_received , COUNT(*) AS total_pitches FROM
```

```
(SELECT AmountInvestedlakhs,
```

```
CASE
```

```
    WHEN AmountInvestedlakhs > 0 THEN 1
```

```
    ELSE 0
```

```
    END AS converted_not_converted
```

```
FROM shark_tank) a ;
```

#### **-- WHAT PERCENTAGE RECEIVED FUNDING**

```
SELECT CONCAT((SUM(a.converted_not_converted) / COUNT(*))*100 , '%') AS
```

```
PERCENTAGE_OF_FUNDING FROM
```

```
(SELECT AmountInvestedlakhs,
```

```
CASE
```

```
    WHEN AmountInvestedlakhs > 0 THEN 1
```

```
    ELSE 0
```

```
    END AS converted_not_converted
```

```
FROM shark_tank) a ;
```

**-- Total male**

```
SELECT SUM(male) FROM shark_tank;
```

**-- Total female**

```
SELECT SUM(female) FROM shark_tank;
```

**-- Gender ratio**

```
SELECT SUM(female)/SUM(male) AS gender_ratio FROM shark_tank;
```

**-- TOTAL INVESTED AMOUNT**

```
SELECT SUM(AmountInvestedlakhs) AS total_invested_amount_in_lakh FROM shark_tank;
```

**-- AVG EQUITY**

```
SELECT ROUND(AVG(a.EquityTakenP),0) AS AVG_EQUITY_IN_PERCENTAGE FROM  
(SELECT * FROM shark_tank WHERE EquityTakenP > 0) a ;
```

**-- HIGHEST DEALS TAKEN**

```
SELECT MAX(amountinvestedlakhs) FROM shark_tank;
```

**-- HIGHEST EQUITY TAKEN**

```
SELECT MAX(equitytakenp) FROM shark_tank;
```

**-- STARTUP HAVING AT LEAST ONE WOMEN**

```
SELECT SUM(a.female_count) AS 'STARTUP HAVING AT LEAST ONE WOMEN' FROM  
(SELECT female,  
CASE  
    WHEN female > 0 THEN 1  
    ELSE 0  
END AS female_count
```

FROM shark\_tank) a ;

**-- PITCHES CONVERTED HAVING AT LEAST ONE WOMEN**

```
SELECT SUM(b.female_count) 'STARTUP WITH CONFIRM DEAL HAVING AT LEAST ONE WOMEN' FROM
(SELECT CASE
            WHEN a.female > 0 THEN 1
            ELSE 0
        END AS female_count ,
a.* FROM
(SELECT * FROM shark_tank WHERE deal!='No Deal') a) b ;
```

**-- AVG TEAM MEMBER**

```
SELECT AVG(TeamMembers) FROM shark_tank;
```

**-- AMOUNT INVESTED PER DEAL**

```
SELECT AVG(a.AmountInvestedlakhs) 'Amount Invest per deal' FROM
(SELECT * FROM shark_tank WHERE deal != 'No Deal') a ;
```

**-- AVG AGE GROUP OF CONTESTANTS**

```
SELECT avgage , COUNT(avgage) cnt FROM shark_tank GROUP BY avgage ORDER BY cnt DESC;
```

**-- LOCATION GROUP OF CONTESTANTS**

```
SELECT location , COUNT(location) cnt FROM shark_tank GROUP BY location ORDER BY cnt DESC;
```

**-- SECTOR GROUP OF CONTESTANTS**

```
SELECT sector , COUNT(sector) cnt FROM shark_tank GROUP BY sector ORDER BY cnt DESC;
```

**-- PARTNERS DEALS**

```
SELECT partners , COUNT(partners) cnt FROM shark_tank WHERE partners!='-' GROUP BY partners  
ORDER BY cnt DESC;
```

**-- FIND HOW MANY DEALS, INVESTED AMOUNT & EQUITY TAKEN ARE PRESENTED BY ASHNEER**

```
SELECT COUNT(AshneerAmountInvested) FROM shark_tank WHERE AshneerAmountInvested !=0;
```

```
SELECT SUM(c.AshneerAmountInvested) , AVG(c.AshneerEquityTakenP) FROM (  
SELECT * FROM shark_tank WHERE AshneerEquityTakenP !=0) c ;
```

```
SELECT a.keyy , a.total_deals, b.total_amount_invested, b.avg_equity_taken FROM  
(SELECT 'Ashneer' AS keyy , COUNT(AshneerAmountInvested) total_deals FROM shark_tank WHERE  
AshneerAmountInvested !=0) a  
INNER JOIN  
(SELECT 'Ashneer' AS keyy , SUM(c.AshneerAmountInvested) total_amount_invested ,  
AVG(c.AshneerEquityTakenP) avg_equity_taken FROM (  
SELECT * FROM shark_tank WHERE AshneerEquityTakenP !=0) c ) b  
ON a.keyy=b.keyy ;
```

**-- FIND HOW MANY DEALS, INVESTED AMOUNT & EQUITY TAKEN ARE PRESENTED BY NAMITA**

```
SELECT a.keyy , a.total_deals, b.total_amount_invested, b.avg_equity_taken FROM  
(SELECT 'Namita' AS keyy , COUNT(NamitaAmountInvested) total_deals FROM shark_tank WHERE  
NamitaAmountInvested !=0) a  
INNER JOIN  
(SELECT 'Namita' AS keyy , SUM(c.NamitaAmountInvested) total_amount_invested ,  
AVG(c.NamitaEquityTakenP) avg_equity_taken FROM (  
SELECT * FROM shark_tank WHERE NamitaEquityTakenP !=0) c ) b  
ON a.keyy=b.keyy ;
```

**-- FIND HOW MANY DEALS, INVESTED AMOUNT & EQUITY TAKEN ARE PRESENTED BY ANUPAM**

```

SELECT a.keyy , a.total_deals, b.total_amount_invested, b.avg_equity_taken FROM

(SELECT 'Anupam' AS keyy , COUNT(AnupamAmountInvested) total_deals FROM shark_tank WHERE
AnupamAmountInvested !=0) a

INNER JOIN

(SELECT 'Anupam' AS keyy , SUM(c.AnupamAmountInvested) total_amount_invested ,
AVG(c.AnupamEquityTakenP) avg_equity_taken FROM (

SELECT * FROM shark_tank WHERE AnupamEquityTakenP !=0) c ) b

ON a.keyy=b.keyy ;

```

**-- FIND HOW MANY DEALS, INVESTED AMOUNT & EQUITY TAKEN ARE PRESENTED BY VINEETA**

```

SELECT a.keyy , a.total_deals, b.total_amount_invested, b.avg_equity_taken FROM

(SELECT 'Vineeta' AS keyy , COUNT(VineetaAmountInvested) total_deals FROM shark_tank WHERE
VineetaAmountInvested !=0) a

INNER JOIN

(SELECT 'Vineeta' AS keyy , SUM(c.VineetaAmountInvested) total_amount_invested ,
AVG(c.VineetaEquityTakenP) avg_equity_taken FROM (

SELECT * FROM shark_tank WHERE VineetaEquityTakenP !=0) c ) b

ON a.keyy=b.keyy ;

```

**-- FIND HOW MANY DEALS, INVESTED AMOUNT & EQUITY TAKEN ARE PRESENTED BY AMAN**

```

SELECT a.keyy , a.total_deals, b.total_amount_invested, b.avg_equity_taken FROM

(SELECT 'Aman' AS keyy , COUNT(AmanAmountInvested) total_deals FROM shark_tank WHERE
AmanAmountInvested !=0) a

INNER JOIN

(SELECT 'Aman' AS keyy , SUM(c.AmanAmountInvested) total_amount_invested ,
AVG(c.AmanEquityTakenP) avg_equity_taken FROM (

SELECT * FROM shark_tank WHERE AmanEquityTakenP !=0) c ) b

ON a.keyy=b.keyy ;

```

**-- FIND HOW MANY DEALS, INVESTED AMOUNT & EQUITY TAKEN ARE PRESENTED BY PEYUSH**

```

SELECT a.keyy , a.total_deals, b.total_amount_invested, b.avg_equity_taken FROM

```

```
(SELECT 'Peyush' AS keyy , COUNT(PeyushAmountInvested) total_deals FROM shark_tank WHERE  
PeyushAmountInvested !=0) a
```

```
INNER JOIN
```

```
(SELECT 'Peyush' AS keyy , SUM(c.PeyushAmountInvested) total_amount_invested ,  
AVG(c.PeyushEquityTakenP) avg_equity_taken FROM (
```

```
SELECT * FROM shark_tank WHERE PeyushEquityTakenP !=0) c ) b
```

```
ON a.keyy=b.keyy ;
```

```
-- FIND HOW MANY DEALS, INVESTED AMOUNT & EQUITY TAKEN ARE PRESENTED BY GHAZAL
```

```
SELECT a.keyy , a.total_deals, b.total_amount_invested, b.avg_equity_taken FROM
```

```
(SELECT 'Ghazal' AS keyy , COUNT(GhazalAmountInvested) total_deals FROM shark_tank WHERE  
GhazalAmountInvested !=0) a
```

```
INNER JOIN
```

```
(SELECT 'Ghazal' AS keyy , SUM(c.GhazalAmountInvested) total_amount_invested ,  
AVG(c.GhazalEquityTakenP) avg_equity_taken FROM (
```

```
SELECT * FROM shark_tank WHERE GhazalEquityTakenP !=0) c ) b
```

```
ON a.keyy=b.keyy ;
```

```
-- MAKING THE MATRIX FOR ALL DEAL
```

```
SELECT a.keyy , a.total_deals, b.total_amount_invested, b.avg_equity_taken FROM
```

```
(SELECT 'Ashneer' AS keyy , COUNT(AshneerAmountInvested) total_deals FROM shark_tank WHERE  
AshneerAmountInvested !=0) a
```

```
INNER JOIN
```

```
(SELECT 'Ashneer' AS keyy , SUM(c.AshneerAmountInvested) total_amount_invested ,  
AVG(c.AshneerEquityTakenP) avg_equity_taken FROM (
```

```
SELECT * FROM shark_tank WHERE AshneerEquityTakenP !=0) c ) b
```

```
ON a.keyy=b.keyy
```

```
UNION
```

```
SELECT a.keyy , a.total_deals, b.total_amount_invested, b.avg_equity_taken FROM
```

```
(SELECT 'Namita' AS keyy , COUNT(NamitaAmountInvested) total_deals FROM shark_tank WHERE  
NamitaAmountInvested !=0) a
```

INNER JOIN

```
(SELECT 'Namita' AS keyy , SUM(c.NamitaAmountInvested) total_amount_invested ,  
AVG(c.NamitaEquityTakenP) avg_equity_taken FROM (
```

```
SELECT * FROM shark_tank WHERE NamitaEquityTakenP !=0) c ) b
```

```
ON a.keyy=b.keyy
```

UNION

```
SELECT a.keyy , a.total_deals, b.total_amount_invested, b.avg_equity_taken FROM
```

```
(SELECT 'Anupam' AS keyy , COUNT(AnupamAmountInvested) total_deals FROM shark_tank WHERE  
AnupamAmountInvested !=0) a
```

INNER JOIN

```
(SELECT 'Anupam' AS keyy , SUM(c.AnupamAmountInvested) total_amount_invested ,  
AVG(c.AnupamEquityTakenP) avg_equity_taken FROM (
```

```
SELECT * FROM shark_tank WHERE AnupamEquityTakenP !=0) c ) b
```

```
ON a.keyy=b.keyy
```

UNION

```
SELECT a.keyy , a.total_deals, b.total_amount_invested, b.avg_equity_taken FROM
```

```
(SELECT 'Vineeta' AS keyy , COUNT(VineetaAmountInvested) total_deals FROM shark_tank WHERE  
VineetaAmountInvested !=0) a
```

INNER JOIN

```
(SELECT 'Vineeta' AS keyy , SUM(c.VineetaAmountInvested) total_amount_invested ,  
AVG(c.VineetaEquityTakenP) avg_equity_taken FROM (
```

```
SELECT * FROM shark_tank WHERE VineetaEquityTakenP !=0) c ) b
```

```
ON a.keyy=b.keyy
```

UNION

```
SELECT a.keyy , a.total_deals, b.total_amount_invested, b.avg_equity_taken FROM
```

```
(SELECT 'Aman' AS keyy , COUNT(AmanAmountInvested) total_deals FROM shark_tank WHERE  
AmanAmountInvested !=0) a
```

INNER JOIN

```
(SELECT 'Aman' AS keyy , SUM(c.AmanAmountInvested) total_amount_invested ,  
AVG(c.AmanEquityTakenP) avg_equity_taken FROM (
```

```

SELECT * FROM shark_tank WHERE AmanEquityTakenP !=0) c ) b

ON a.keyy=b.keyy

UNION

SELECT a.keyy , a.total_deals, b.total_amount_invested, b.avg_equity_taken FROM

(SELECT 'Peyush' AS keyy , COUNT(PeyushAmountInvested) total_deals FROM shark_tank WHERE
PeyushAmountInvested !=0) a

INNER JOIN

(SELECT 'Peyush' AS keyy , SUM(c.PeyushAmountInvested) total_amount_invested ,
AVG(c.PeyushEquityTakenP) avg_equity_taken FROM (

SELECT * FROM shark_tank WHERE PeyushEquityTakenP !=0) c ) b

ON a.keyy=b.keyy

UNION

SELECT a.keyy , a.total_deals, b.total_amount_invested, b.avg_equity_taken FROM

(SELECT 'Ghazal' AS keyy , COUNT(GhazalAmountInvested) total_deals FROM shark_tank WHERE
GhazalAmountInvested !=0) a

INNER JOIN

(SELECT 'Ghazal' AS keyy , SUM(c.GhazalAmountInvested) total_amount_invested ,
AVG(c.GhazalEquityTakenP) avg_equity_taken FROM (

SELECT * FROM shark_tank WHERE GhazalEquityTakenP !=0) c ) b

ON a.keyy=b.keyy ;

```

**-- WHICH IS THE STARTUP IN WHICH THE HIGHEST AMOUNT HAS BEEN INVESTED IN EACH DOMAIN/SECTOR**

```

SELECT c.* FROM

(SELECT brand, sector, AmountInvestedlakhs, RANK() OVER(PARTITION BY sector ORDER BY
AmountInvestedlakhs DESC) rnk

FROM shark_tank) c

WHERE c.rnk=1;

```