**Shark Tank India Analysis**

select \* from projectdata;

**-- total episodes**

SELECT MAX(ep) FROM projectdata;

SELECT COUNT(DISTINCT ep) FROM projectdata;

**-- pitches**

SELECT COUNT(DISTINCT brand) FROM projectdata;

**--pitches converted**

SELECT AVG(a.EQUITY\_TAKEN\_)

FROM

(SELECT \*

FROM projectdata

WHERE EQUITY\_TAKEN\_ > 0) a;

**-- total male**

SELECT SUM(male) FROM projectdata;

**-- total female**

SELECT SUM(female) FROM projectdata;

**--gender ratio**

SELECT SUM(female) / SUM(male) AS gender\_ratio

FROM projectdata;

**-- total invested amount**

SELECT SUM(AMOUNT\_INVESTED\_LAKHS) AS total\_invested\_amount

FROM projectdata;

**-- avg equity taken**

SELECT AVG(a.EQUITY\_ASKED\_)

FROM

(SELECT \*

FROM projectdata

WHERE EQUITY\_ASKED\_ > 0) a;

**--highest deal taken**

SELECT MAX(AMOUNT\_INVESTED\_LAKHS) FROM projectdata;

**--highest equity taken**

SELECT MAX(EQUITY\_TAKEN\_)

FROM projectdata;

**-- startups having at least women**

SELECT SUM(a.female\_count) AS startups\_having\_at\_least\_women

FROM (

SELECT CASE WHEN female > 0 THEN 1 ELSE 0 END AS female\_count

FROM projectdata -- Replace 'projectdata' with the correct table name

) a;

**-- pitches converted having at least one women**

SELECT \*

FROM projectdata;

SELECT SUM(b.female\_count)

FROM

(SELECT CASE WHEN a.female > 0 THEN 1 ELSE 0 END AS female\_count, a.\*

FROM

(SELECT \*

FROM projectdata

WHERE deal != 'No Deal') a) b;

**-- avg team members**

SELECT AVG(team\_members) FROM projectdata;

**-- amount invested per deal**

SELECT AVG(a.AMOUNT\_INVESTED\_LAKHS) AS amount\_invested\_per\_deal

FROM (SELECT \*

FROM projectdata

WHERE deal != 'No Deal') a;

**-- avg age group of contestants**

SELECT AVG\_AGE, COUNT(AVG\_AGE) AS cnt

FROM projectdata

GROUP BY AVG\_AGE

ORDER BY cnt DESC;

**-- location group of contestants**

SELECT location, COUNT(location) AS cnt

FROM projectdata

GROUP BY location

ORDER BY cnt DESC;

**-- sector group of contestants**

SELECT sector, COUNT(sector) AS cnt

FROM projectdata

GROUP BY sector

ORDER BY cnt DESC;

**--partner deals**

SELECT partners, COUNT(partners) AS cnt

FROM projectdata

WHERE partners != '-'

GROUP BY partners

ORDER BY cnt DESC;

**-- which is the startup in which the highest amount has been invested in each domain/sector**

SELECT brand, sector, AMOUNT\_INVESTED\_LAKHS

FROM (

SELECT brand, sector, AMOUNT\_INVESTED\_LAKHS, RANK() OVER (PARTITION BY sector ORDER BY AMOUNT\_INVESTED\_LAKHS DESC) AS rnk

FROM projectdata

) c

WHERE c.rnk = 1;