```sql
-- CREATE A CTE AND STORE INTO A temp table

CREATE TABLE All_Data_Science_Salary AS
with cte_name as (
select *
from latest_data_science_salaries v2
union all select * from v2_latest_data_science_salaries
union all select
* from v3_latest_data_science_salaries
union all select
* from v4_latest_data_science_salaries
)
SELECT * FROM cte_name;


-- CREATE a table and declare the same variable


CREATE TABLE Data_Science_Salary (
    `Job Title` TEXT,
    `Employment Type` TEXT,
    `Experience Level` TEXT,
    `Expertise Level` VARCHAR(50),
    Salary INT,
    `Salary Currency` TEXT,
    `Company Location` TEXT,
    `Salary in USD` INT,
    `Employee Residence` TEXT,
    `Company Size` TEXT,
    Year INT
);

-- Insert data into Data_Science_Salary table from CTE all_data_science_salary

insert into Data_science_Salary
select * from all_data_science_salary;


-- Drop the CTE

drop table all_data_science_salary;

-- Drop all the previous table


drop table latest_data_science_salaries;

drop table v2_latest_data_science_salaries;

drop table v3_latest_data_science_salaries;

drop table v4_latest_data_science_salaries;
```

```sql
--Drop column Salary

alter table data_science_salary
drop column `Salary`;

-- Drop Salary Currency column

alter table data_science_salary
drop column `Salary Currency`;

-- Show Unique Years


SELECT DISTINCT
    year
FROM
    data_science_salary;

SELECT DISTINCT
    `Salary Currency`
FROM
    data_science_salary;


-- Save new Table as CSV

SELECT
    *
INTO OUTFILE 'path.csv' FIELDS TERMINATED BY ',' OPTIONALLY ENCLOSED BY '"'    ↵
  LINES TERMINATED BY '
' FROM
    data_science_salary;


-- Show Job Title & Total Salary for Entry Level Expertise


SELECT
    `job title`, SUM(Salary_USD) AS `Total_Salary(USD)`
FROM
    data_science_salary
WHERE
    `Experience Level` LIKE '%Entry%'
GROUP BY `job title`
ORDER BY `Total_salary(USD)` DESC
LIMIT 10;


-- Show Job Title & Total Salary for Median Level Expertise


SELECT
    `job title`, SUM(Salary_USD) AS `Total_Salary(USD)`
```

```sql
FROM
    data_science_salary
WHERE
    `Experience Level` LIKE '%Mid%'
GROUP BY `job title`
ORDER BY `Total_salary(USD)` DESC
LIMIT 10;


-- Show Job Title & Total Salary for Senor Level Expertise


SELECT
    `job title`, SUM(Salary_USD) AS `Total_Salary(USD)`
FROM
    data_science_salary
WHERE
    `Experience Level` LIKE '%senior%'
GROUP BY `job title`
ORDER BY `Total_salary(USD)` DESC
LIMIT 10;


-- Year wise Salary

SELECT
    `Job Title`,
    SUM(CASE
        WHEN year = 2020 THEN Salary_USD
        ELSE 0
    END) AS `Total Salary in 2020`,
    SUM(CASE
        WHEN year = 2021 THEN Salary_USD
        ELSE 0
    END) AS `Total Salary in 2021`,
    SUM(CASE
        WHEN year = 2022 THEN Salary_USD
        ELSE 0
    END) AS `Total Salary in 2022`,
    SUM(CASE
        WHEN year = 2023 THEN Salary_USD
        ELSE 0
    END) AS `Total Salary in 2023`
FROM
    data_science_salary
WHERE
    year IN (2020 , 2021, 2022, 2023)
GROUP BY `Job Title`
order by `Total Salary in 2020`;


-- Average Salary Year Wise
```

```sql
SELECT
    `Job Title`,
    ROUND(AVG(CASE
                WHEN year = 2020 THEN Salary_USD
                ELSE 0
            END),
            2) AS `Average Salary in 2020`,
    ROUND(AVG(CASE
                WHEN year = 2021 THEN Salary_USD
                ELSE 0
            END),
            2) AS `Average Salary in 2021`,
    ROUND(AVG(CASE
                WHEN year = 2022 THEN Salary_USD
                ELSE 0
            END),
            2) AS `Average Salary in 2022`,
    ROUND(AVG(CASE
                WHEN year = 2023 THEN Salary_USD
                ELSE 0
            END),
            2) AS `Average Salary in 2023`
FROM
    data_science_salary
GROUP BY `Job Title`
LIMIT 5;

-- Show Job Title and Total number of employees


SELECT
    `Job Title`, COUNT(`Job Title`) AS `Total Employee`
FROM
    data_science_salary
GROUP BY `Job Title`
ORDER BY `Total Employee` DESC
limit 10;
```

job title	Total_Salary(USD)
Data Engineer	74818912
Data Scientist	66701631
Data Analyst	51832602
Machine Learning Engineer	35860472
Research Scientist	19495540
Analytics Engineer	11354228
ML Engineer	8711100
Data Architect	7330416
Machine Learning Scientist	7272400
Research Engineer	6903864

job title	Total_Salary(USD)
Data Scientist	18860158
Data Analyst	15982196
Data Engineer	13053644
Machine Learning Engineer	7871148
Research Scientist	7745272
Research Engineer	4529706
Applied Scientist	2638880
AI Developer	1922868
Computer Vision Engineer	1854436
Machine Learning Developer	1472000

job title	Total_Salary(USD)
Data Engineer	289836513
Data Scientist	282234922
Machine Learning Engineer	170242730
Data Analyst	140049762
Analytics Engineer	69409908
Data Architect	48370428
Research Scientist	47428084
ML Engineer	40152976
Data Science Manager	34552876
Research Engineer	33246236

Job Title	Total Employee
Data Engineer	2950
Data Scientist	2677
Data Analyst	1921
Machine Learning Engineer	1274
Analytics Engineer	570
Research Scientist	440
Data Architect	347
ML Engineer	258
Research Engineer	256
Data Science Manager	242