



JOB PLACEMENT DATASET ANALYSIS

- To analyze job placement trends among students using SQL.
- To study the impact of academic performance, degree, and work experience.
- To identify key factors influencing job placement success.

SQL

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Percentages for Placed Candidates

JOB PLACEMENT BY GENDER



SELECT

gender, COUNT(status) as Placed

FROM

job_placement_data

WHERE

status = 'Placed'

GROUP BY gender;

/* Output:
M 100
F 48
*/

• Secondary School (SSC) Performance



```
SELECT  
    ROUND(AVG(ssc_percentage), 2) AS Correlation, status  
FROM  
    job_placement_data  
GROUP BY status;
```

```
/* Output  
71.72 Placed  
57.54 Not Placed  
*/
```



- **Effect of Higher Secondary School (HSC) Subject**

```
SELECT  
    hsc_subject, COUNT(status) as placed  
FROM  
    job_placement_data  
WHERE  
    status = 'Placed'  
GROUP BY hsc_subject;
```

```
/* Output  
Commerce    79  
Science     63  
Arts        6  
*/
```

• Undergraduate Degree and Its Impact on Placement



```
SELECT  
    undergrad_degree, COUNT(status) AS total_placed  
FROM  
    job_placement_data  
WHERE  
    status = 'placed'  
GROUP BY undergrad_degree;
```

```
/*Output  
Sci&Tech      41  
Comm&Mgmt     102  
Others        5  
*/
```

• Effect of MBA Specialization on Job Placement



SELECT

specialisation, COUNT(status) AS Total_Placed

FROM

job_placement_data

WHERE

status = 'Placed'

GROUP BY specialisation;

/*Output
Mkt&HR 53
Mkt&Fin 95
*/



• Analysis of Work Experience on Job Placement

```
SELECT  
    work_experience, COUNT(status) AS Placed  
FROM  
    job_placement_data  
WHERE  
    status = 'Placed'  
GROUP BY work_experience;
```

/*Output
No 84
Yes 64
*/

• Average Employment Test Scores



SELECT

```
ROUND(AVG(emp_test_percentage), 2) AS Average_percentage,  
status  
FROM  
job_placement_data  
GROUP BY status;
```

/*Output

73.24 Placed

69.59 Not Placed

*/

• Top 5 Highest Average



```
SELECT  
    specialisation, ROUND(AVG(MBA_Percent), 2) AS MBA_Percentage  
FROM  
    job_placement_data  
GROUP BY specialisation  
ORDER BY specialisation DESC  
LIMIT 5;
```

/* Output
Mkt&HR 61.59
Mkt&Fin 62.83
*/

● Placement Success



```
SELECT  
    work_experience,  
    ROUND(degree_percentage / 10) * 10 AS degree_percent_range,  
    COUNT(status) AS placed  
FROM  
    job_placement_data  
WHERE  
    status = 'placed'  
GROUP BY work_experience , ROUND(degree_percentage / 10) * 10;
```

```
/*Output  
No 60 25  
Yes 80 13  
No 70 47  
Yes 70 29  
Yes 60 22  
No 80 11  
No 90 1  
*/
```



- **Average SSC, HSC, and Degree Percentages for Placed Candidates**

SELECT

```
ROUND(AVG(ssc_percentage), 2) AS SSC_Percentage,  
ROUND(AVG(hsc_percentage), 2) AS HSC_Percentage,  
ROUND(AVG(degree_percentage), 2) AS Degree_Percentages,
```

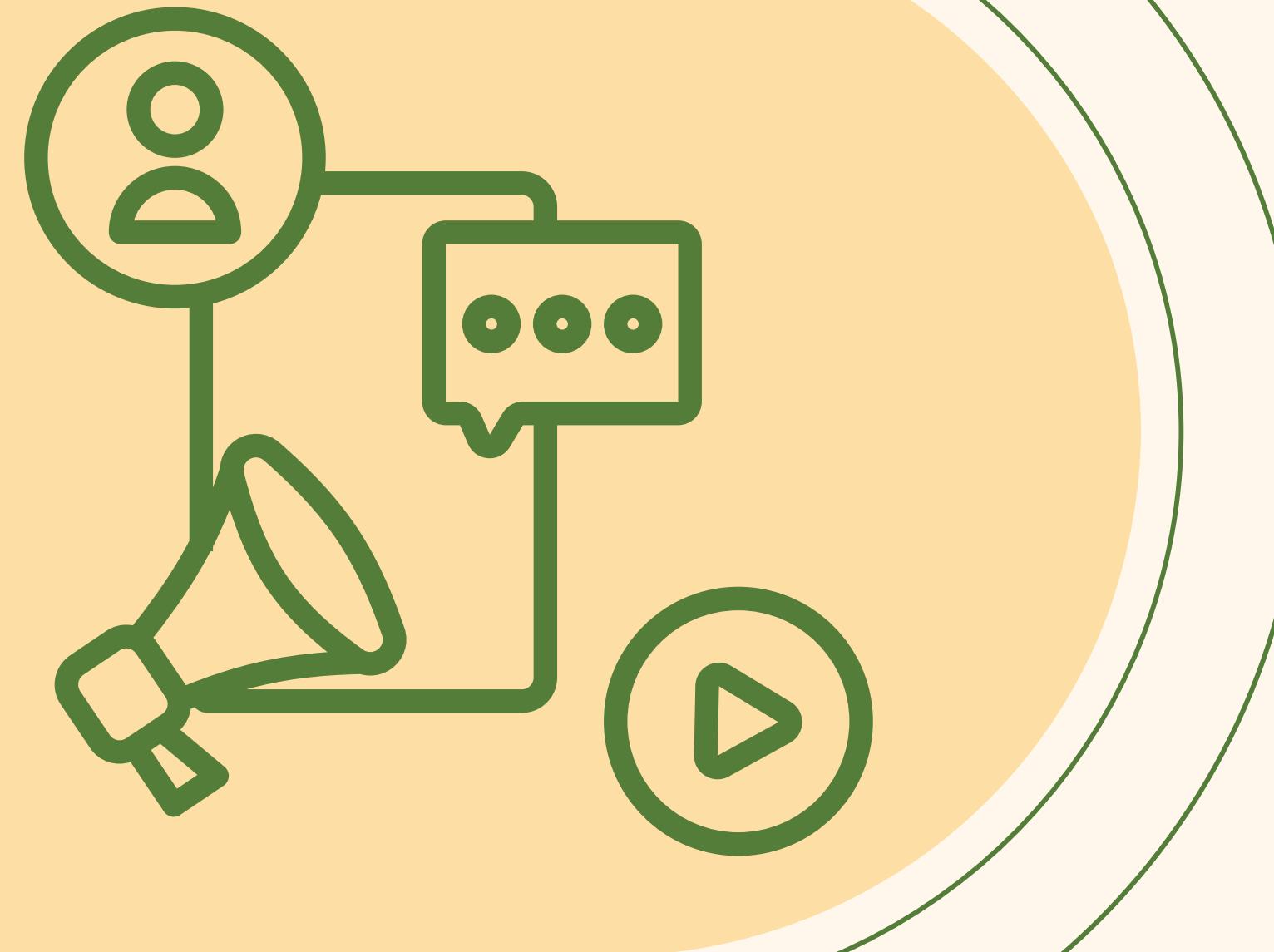
status

FROM

job_placement_data

WHERE

status = 'placed';



SAMEER

THANK YOU

JOB PLACEMENT DATASET ANALYSIS