Steven Tanadi

Portofolio

Jurusan Teknologi Rekayasa Internet
Universitas Gadjah Mada

About Me

I’m Data enthusiast with a background in Internet Engineering Technology. I enjoy turning raw data into clear insights that drive smarter decisions. With experience in tools like Python, SQL, Excel, PowerBI and Tableau, I focus on making data accessible and impactful for everyone, from technical teams to business leaders.

Educational Background

Universitas Gadjah Mada
2021 - 2025 (Expected)

SMA Sutomo 1
2018 - 2021

DR. Leini Lee, Ph.D International Education Centre
2018 - 2021

Work Experience

Distributor Fotocopy

Medan

Kerja Praktik (Mei 2023 - Juli 2023)

PT. SIMS - Lifemedia

Skill
Abilities

Data Analysis

Excel, PowerBI, Tableau, SQL, Python

Language

English

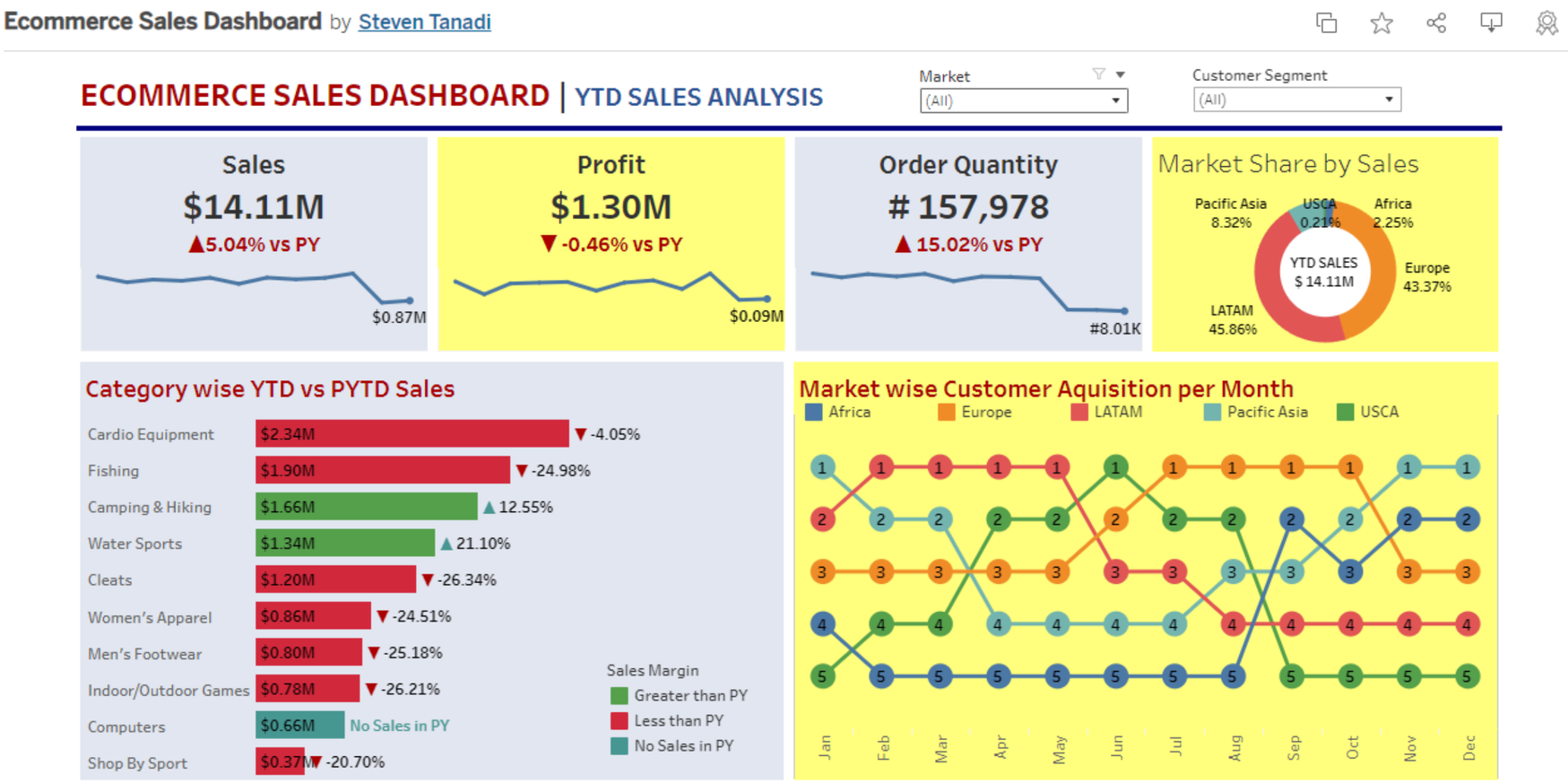
Hobies
& Interest

Workout

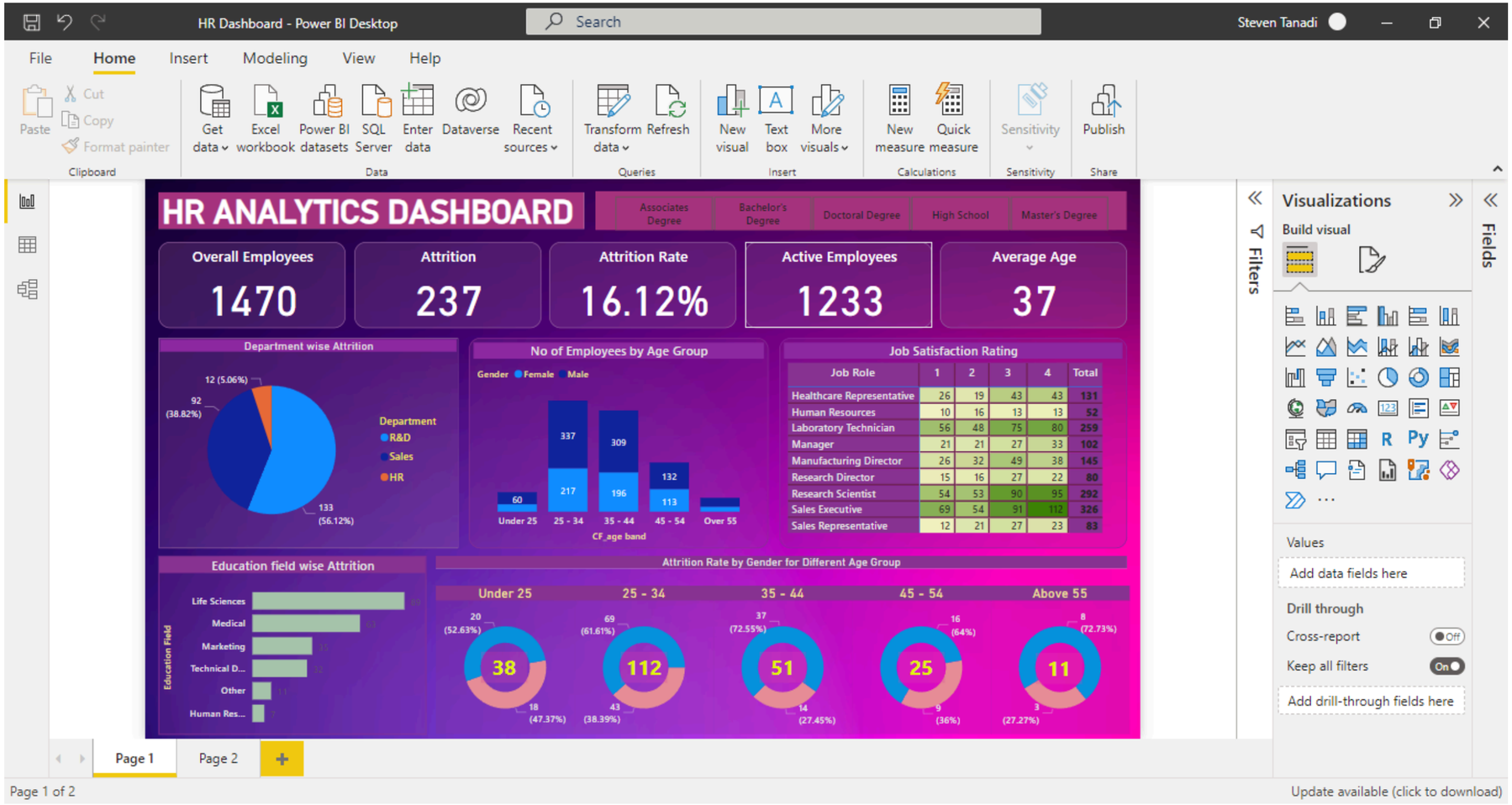
Movie

Traveling

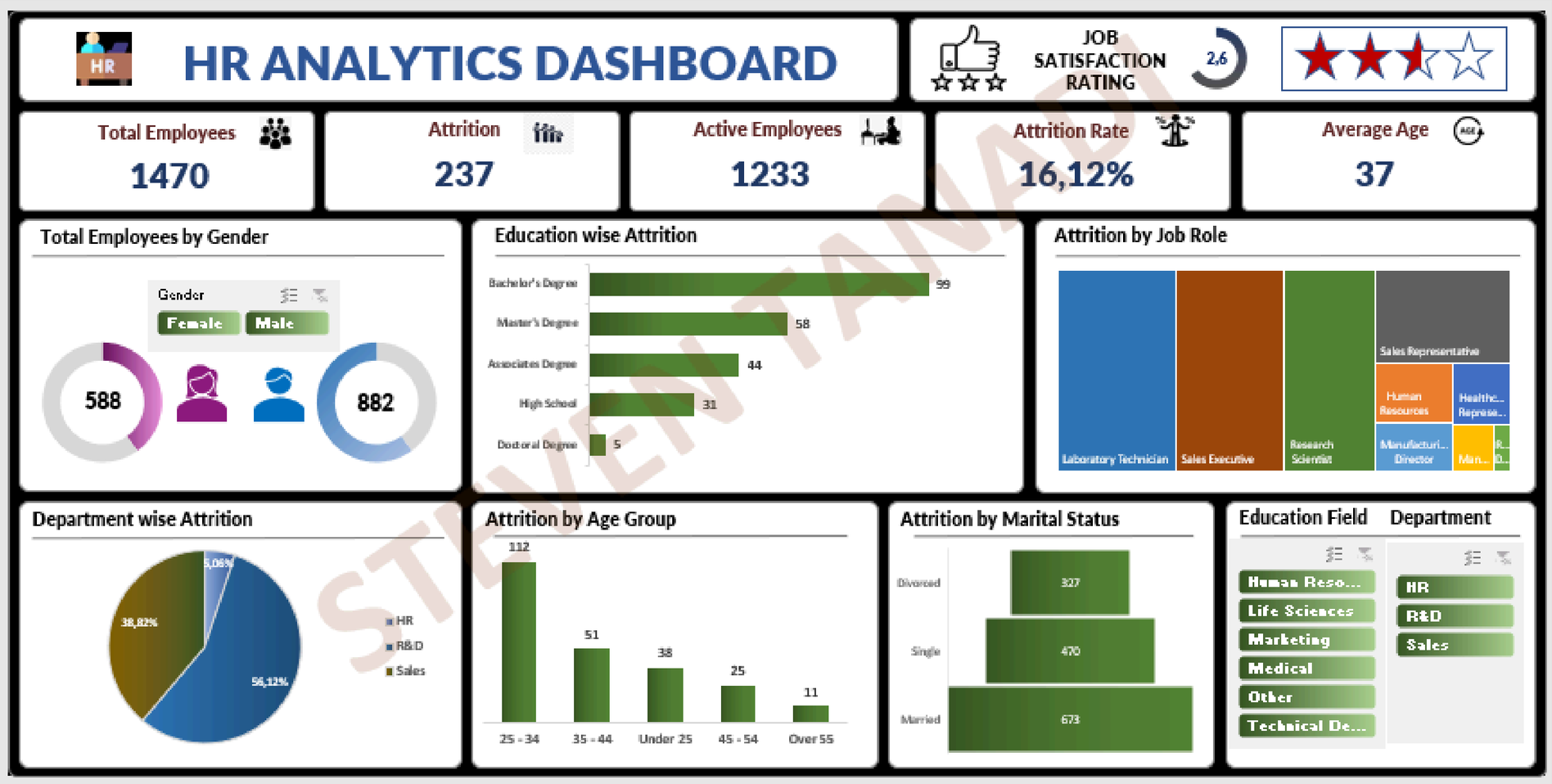
My Portfolio (Tableau)



PowerBI


HR Dashboard - Power BI Desktop
Search
Steven Tanadi
File
Home
Insert
Modeling
View
Help
HR ANALYTICS DASHBOARD
Associates Degree
Bachelor's Degree
Doctoral Degree
High School
Master's Degree
Overall Employees
1470
Attrition
237
Attrition Rate
16.12%
Active Employees
1233
Average Age
37
Department wise Attrition
12 (5.06%)
92 (38.82%)
133 (56.12%)
Department
R&D
Sales
HR
No of Employees by Age Group
Gender Female Male
60
337
217
309
196
132
113
Under 25
25 - 34
35 - 44
45 - 54
Over 55
CF_age band
Job Satisfaction Rating
Job Role 1 2 3 4 Total
Healthcare Representative 26 19 43 43 131
Human Resources 10 16 13 13 52
Laboratory Technician 56 48 75 80 259
Manager 21 21 27 33 102
Manufacturing Director 26 32 49 38 145
Research Director 15 16 27 22 80
Research Scientist 54 53 90 95 292
Sales Executive 69 54 91 112 326
Sales Representative 12 21 27 23 83
Education field wise Attrition
Life Sciences
Medical
Marketing
Technical D...
Other
Human Res...
Education Field
Attrition Rate by Gender for Different Age Group
Under 25
25 - 34
35 - 44
45 - 54
Above 55
20 (52.63%)
38
18 (47.37%)
69 (61.61%)
112
43 (38.39%)
37 (72.55%)
51
14 (27.45%)
16 (64%)
25
9 (36%)
8 (72.73%)
11
3 (27.27%)
Visualizations
Build visual
Values
Add data fields here
Drill through
Cross-report
Off
Keep all filters
On
Add drill-through fields here
Filters
Fields
Page 1
Page 2
Page 1 of 2
Update available (click to download)

Excel



STEVEN TANAJI

SQL

```
order by age;
```

Education Field wise Attrition:

```
select education_field, count(attrition) as attrition_count from hrdata
where attrition='Yes'
group by education_field
order by count(attrition) desc;
```

Attrition Rate by Gender for different Age Group

```
select age_band, gender, count(attrition) as attrition,
round((cast(count(attrition) as numeric) / (select count(attrition) from hrdata where attrition = 'Yes'))
* 100,2) as pct
from hrdata
where attrition = 'Yes'
group by age_band, gender
order by age_band, gender desc;
```

Job Satisfaction Rating

-Run this query first to activate the crosstab() function in postgres.

```
CREATE EXTENSION IF NOT EXISTS tablefunc;
```

-Then run this to get o/p-

```
SELECT *
FROM crosstab(
  'SELECT job_role, job_satisfaction, sum(employee_count)
   FROM hrdata
   GROUP BY job_role, job_satisfaction
```

```
round ((select count(attrition) from hrdata where attrition='Yes')/
sum(employee_count)) * 100,2)
from hrdata;
```

Active Employee:

```
select sum(employee_count) - (select count(attrition) from hrdata where attrition='Yes')
from hrdata;
```

OR

```
select (select sum(employee_count) from hrdata) - count(attrition) as active_employee from
hrdata
where attrition='Yes';
```

Average Age:

```
select round(avg(age),0) from hrdata;
```

Attrition by Gender

```
select gender, count(attrition) as attrition_count from hrdata
where attrition='Yes'
group by gender
order by count(attrition) desc;
```

Department wise Attrition:

```
select department, count(attrition), round((cast (count(attrition) as numeric) /
(select count(attrition) from hrdata where attrition= 'Yes')) * 100, 2) as pct from hrdata
where attrition='Yes'
group by department
```


```
order by age;
```

Education Field wise Attrition:

```
select education_field, count(attrition) as attrition_count from hrdata
where attrition='Yes'
group by education_field
order by count(attrition) desc;
```

Attrition Rate by Gender for different Age Group

```
select age_band, gender, count(attrition) as attrition,
round((cast(count(attrition) as numeric) / (select count(attrition) from hrdata where attrition = 'Yes'))
* 100,2) as pct
from hrdata
where attrition = 'Yes'
group by age_band, gender
order by age_band, gender desc;
```

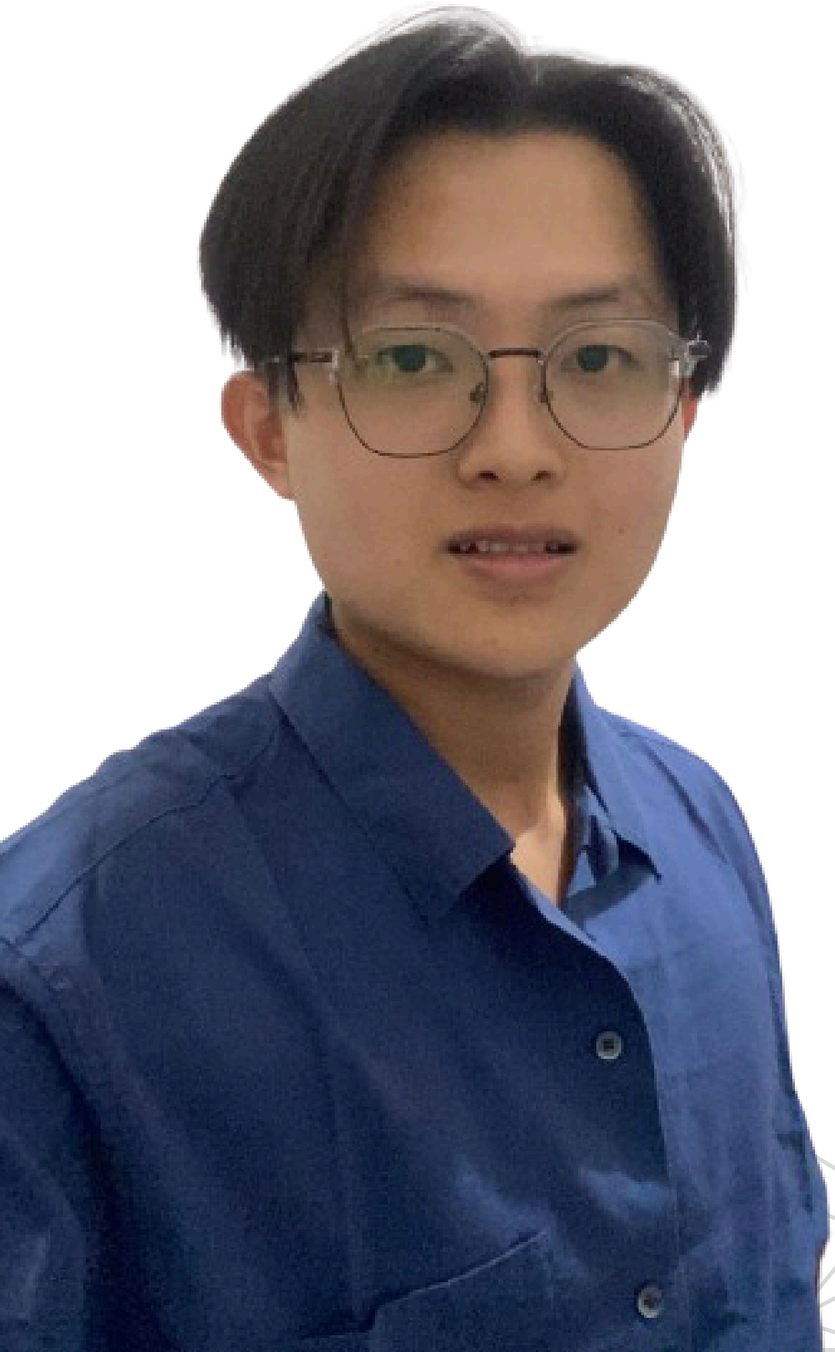
Job Satisfaction Rating

-Run this query first to activate the crosstab() function in postgres.

```
CREATE EXTENSION IF NOT EXISTS tablefunc;
```

-Then run this to get o/p-

```
SELECT *
FROM crosstab(
  'SELECT job_role, job_satisfaction, sum(employee_count)
   FROM hrdata
   GROUP BY job_role, job_satisfaction
```



Connect
With Me

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Pogung Rejo, Sinduadi, Mlati,
Sleman, Yogyakarta

Thank you!