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

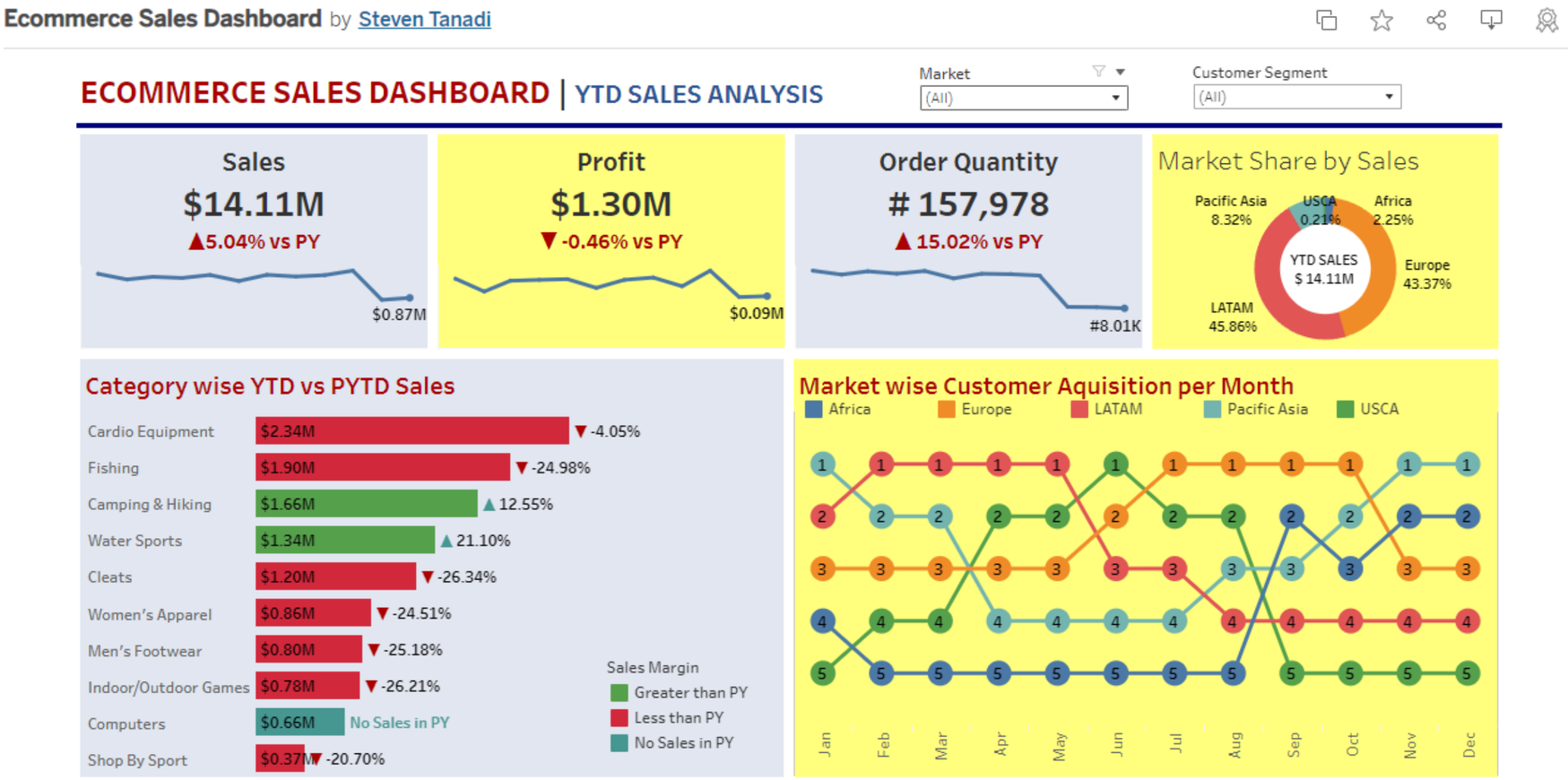
Hobies
& Interest

Workout

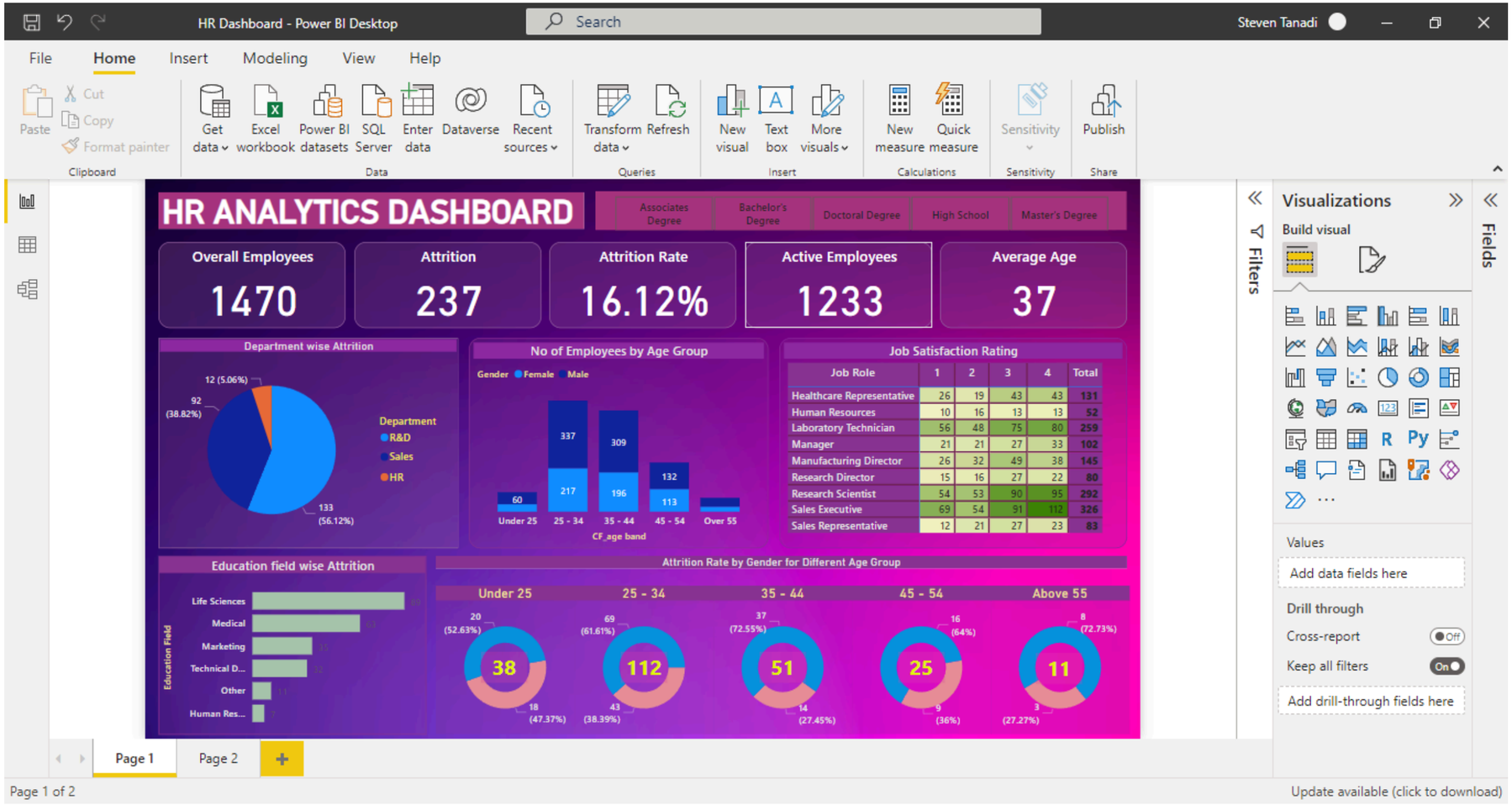
Movie

Traveling

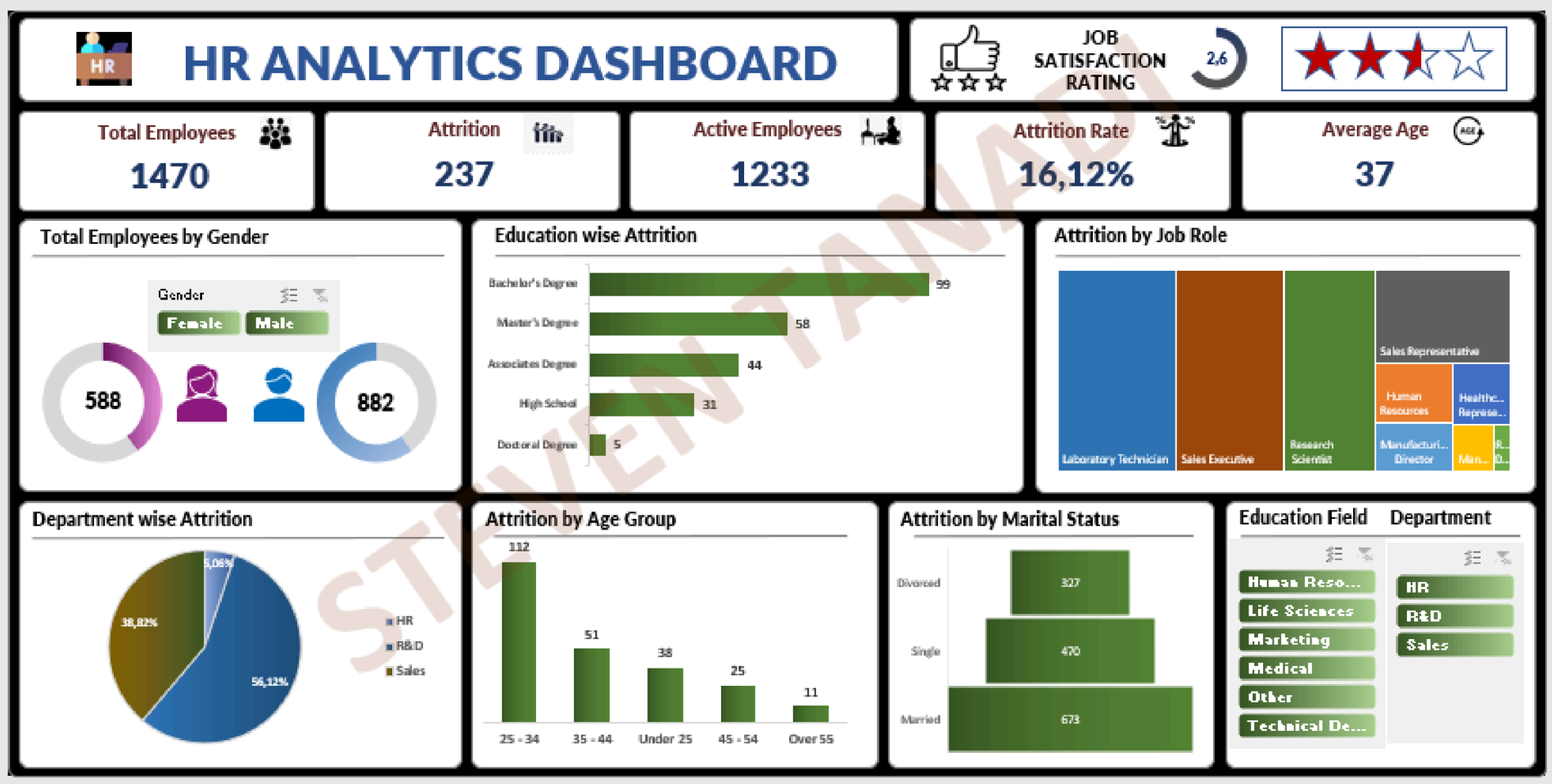
My Portfolio (Tableau)



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%)
Filters
Visualizations
Build visual
Values
Add data fields here
Drill through
Cross-report
Off
Keep all filters
On
Add drill-through fields here
Fields
Page 1
Page 2
Page 1 of 2
Update available (click to download)

Excel



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

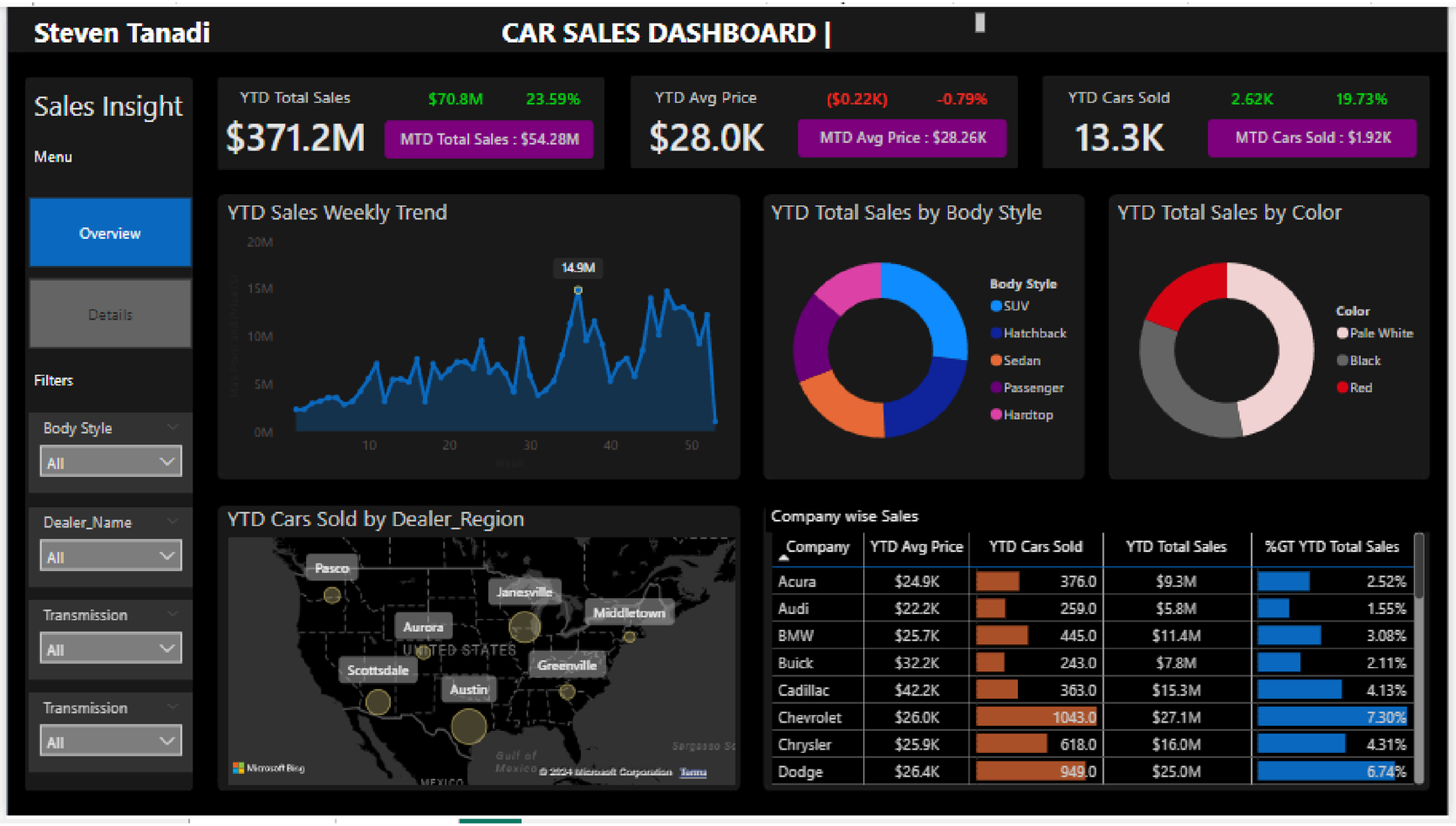
-Run this query first to activate the crosstab() function in postgres.

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

-Then run this to get o/p-

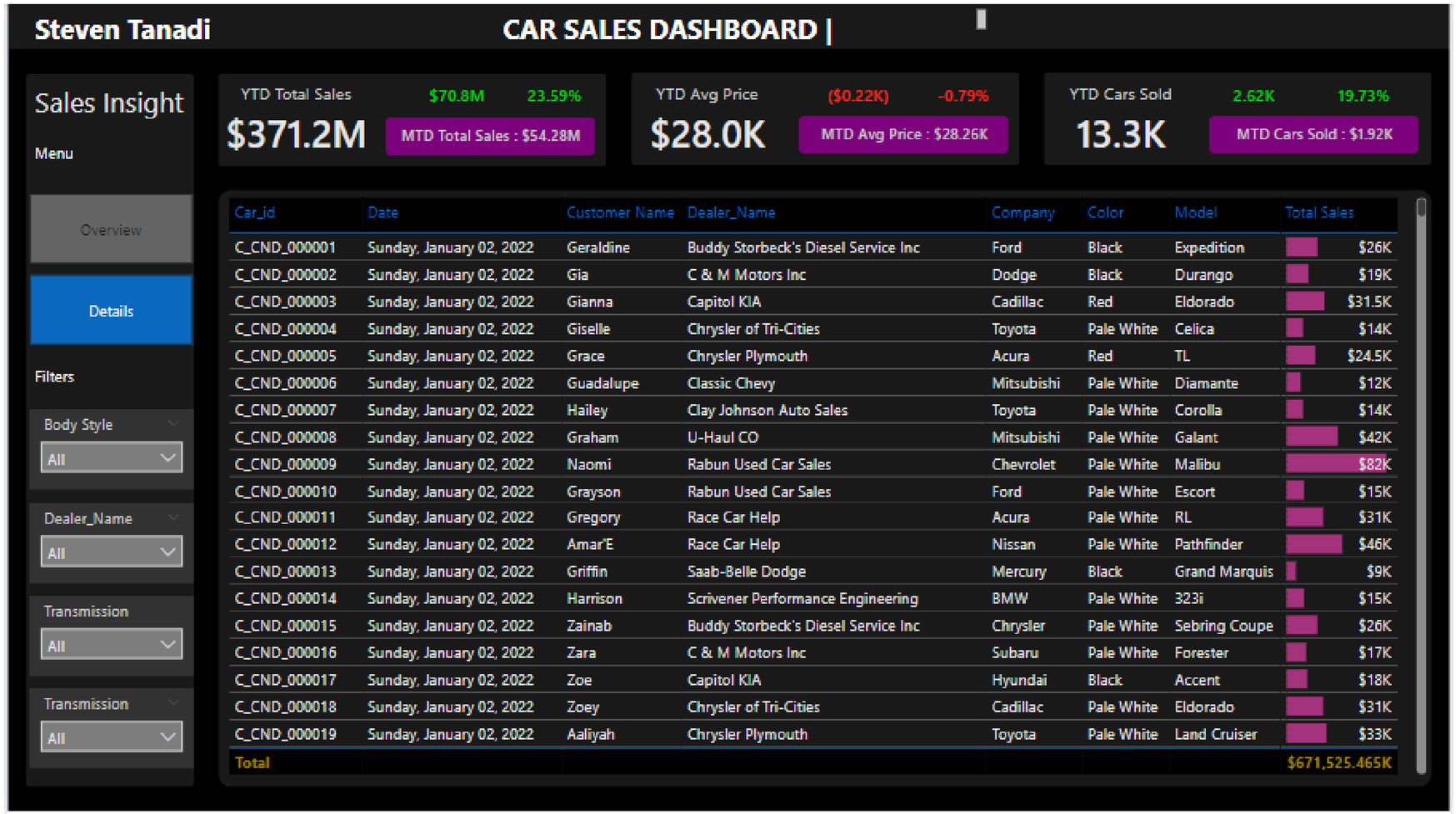
```
SELECT *
FROM crosstab(
  'SELECT job_role, job_satisfaction, sum(employee_count)
   FROM hrdata
   GROUP BY job_role, job_satisfaction
```

PowerBI

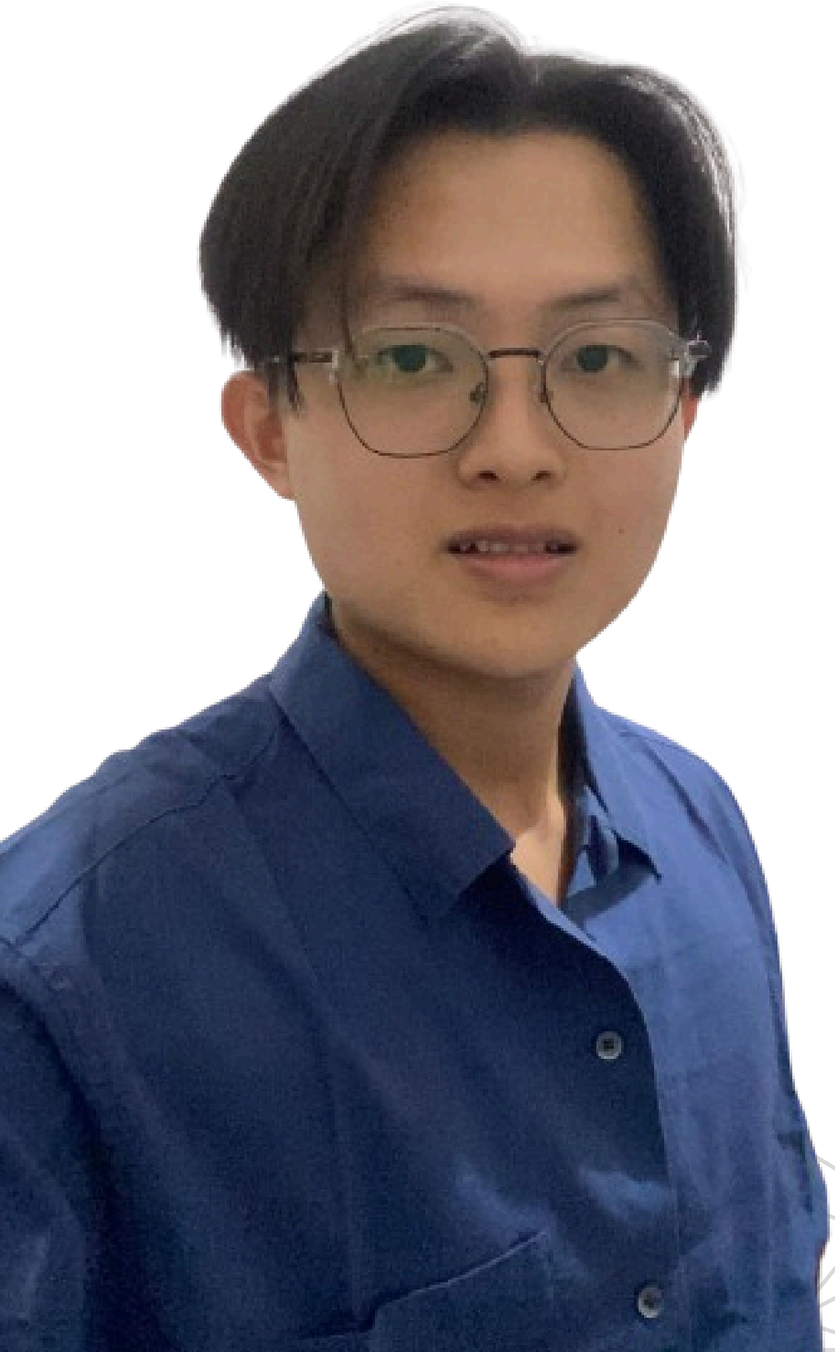


Company	YTD Avg Price	YTD Cars Sold	YTD Total Sales	%GT YTD Total Sales
Acura	$24.9K	376.0	$9.3M	2.52%
Audi	$22.2K	259.0	$5.8M	1.55%
BMW	$25.7K	445.0	$11.4M	3.08%
Buick	$32.2K	243.0	$7.8M	2.11%
Cadillac	$42.2K	363.0	$15.3M	4.13%
Chevrolet	$26.0K	1043.0	$27.1M	7.30%
Chrysler	$25.9K	618.0	$16.0M	4.31%
Dodge	$26.4K	949.0	$25.0M	6.74%

PowerBI



Car_id	Date	Customer Name	Dealer_Name	Company	Color	Model	Total Sales
C_CND_000001	Sunday, January 02, 2022	Geraldine	Buddy Storbeck's Diesel Service Inc	Ford	Black	Expedition	$26K
C_CND_000002	Sunday, January 02, 2022	Gia	C & M Motors Inc	Dodge	Black	Durango	$19K
C_CND_000003	Sunday, January 02, 2022	Gianna	Capitol KIA	Cadillac	Red	Eldorado	$31.5K
C_CND_000004	Sunday, January 02, 2022	Giselle	Chrysler of Tri-Cities	Toyota	Pale White	Celica	$14K
C_CND_000005	Sunday, January 02, 2022	Grace	Chrysler Plymouth	Acura	Red	TL	$24.5K
C_CND_000006	Sunday, January 02, 2022	Guadalupe	Classic Chevy	Mitsubishi	Pale White	Diamante	$12K
C_CND_000007	Sunday, January 02, 2022	Hailey	Clay Johnson Auto Sales	Toyota	Pale White	Corolla	$14K
C_CND_000008	Sunday, January 02, 2022	Graham	U-Haul CO	Mitsubishi	Pale White	Galant	$42K
C_CND_000009	Sunday, January 02, 2022	Naomi	Rabun Used Car Sales	Chevrolet	Pale White	Malibu	$82K
C_CND_000010	Sunday, January 02, 2022	Grayson	Rabun Used Car Sales	Ford	Pale White	Escort	$15K
C_CND_000011	Sunday, January 02, 2022	Gregory	Race Car Help	Acura	Pale White	RL	$31K
C_CND_000012	Sunday, January 02, 2022	Amar'E	Race Car Help	Nissan	Pale White	Pathfinder	$46K
C_CND_000013	Sunday, January 02, 2022	Griffin	Saab-Belle Dodge	Mercury	Black	Grand Marquis	$9K
C_CND_000014	Sunday, January 02, 2022	Harrison	Scrivener Performance Engineering	BMW	Pale White	323i	$15K
C_CND_000015	Sunday, January 02, 2022	Zainab	Buddy Storbeck's Diesel Service Inc	Chrysler	Pale White	Sebring Coupe	$26K
C_CND_000016	Sunday, January 02, 2022	Zara	C & M Motors Inc	Subaru	Pale White	Forester	$17K
C_CND_000017	Sunday, January 02, 2022	Zoe	Capitol KIA	Hyundai	Black	Accent	$18K
C_CND_000018	Sunday, January 02, 2022	Zoey	Chrysler of Tri-Cities	Cadillac	Pale White	Eldorado	$31K
C_CND_000019	Sunday, January 02, 2022	Aaliyah	Chrysler Plymouth	Toyota	Pale White	Land Cruiser	$33K
Total							$671,525.465K



Connect
With Me

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Pogung Rejo, Sinduadi, Mlati,
Sleman, Yogyakarta


Thank you!