RESULTS Notations

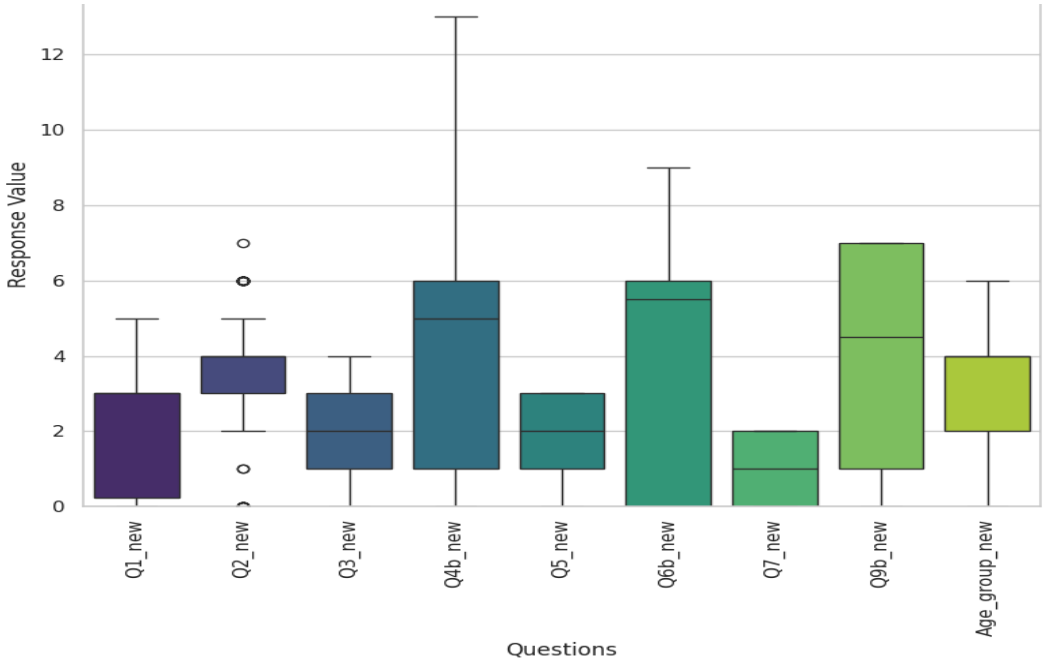
Results

In the results section of our inquiry, an exhaustive scrutiny of the data derived from respondents' viewpoints concerning the shift from internal combustion (IC) vehicles to electric vehicles (EVs) uncovers significant insights.

The initial phase of data exploration focused on understanding the demographics (age group,employment status, commute method) and sentiment towards electric vehicles (EVs). This included gauging the likelihood of respondents switching to EVs within the next five years, their primary concerns regarding the transition, and their perception of its impact on overall employment levels. Additionally, the data was examined to identify sectors most susceptible to job market changes due to EVs and the willingness of individuals to participate in retraining programs if necessary. Finally, open-ended questions explored any additional comments or concerns regarding the switch from internal combustion (IC) vehicles to EVs, along with suggestions for mitigating potential negative employment impacts.

A. Distribution of Selective Responses

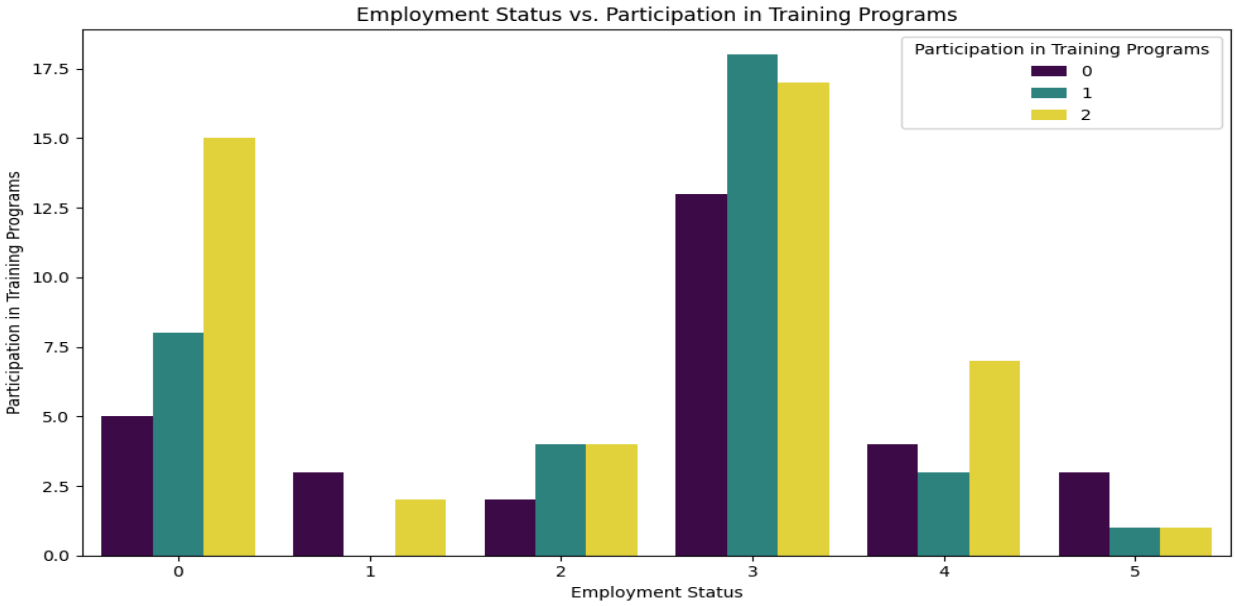
Notations in Comments :



B. Insights based on various correlated parameters

The below 10 analysis insights reveal correlations between employment status and training program participation, age group and concerns about EVs, likelihood of EV adoption, commute method, and perceived impact on jobs. These insights illuminate diverse perspectives on the transition to electric vehicles, informing policy and industry strategies.

1. **Employment Status vs. Participation in Training Programs**



Notations :

==========

INSIGHT on Result 1 : Employment Status vs. Participation in Training Programs

Notations of the X - Axis ::

"Q1_new" -> (Employment Status)

0 :: No

1 :: Maybe

2 :: Yes

Notations of the Y - Axis ::

Q7_new -> Would you participate in training programs for new skills if your job was affected by the transition to EVs?

0 :: Employed full-time

1 :: Employed part-time

2 :: Retired

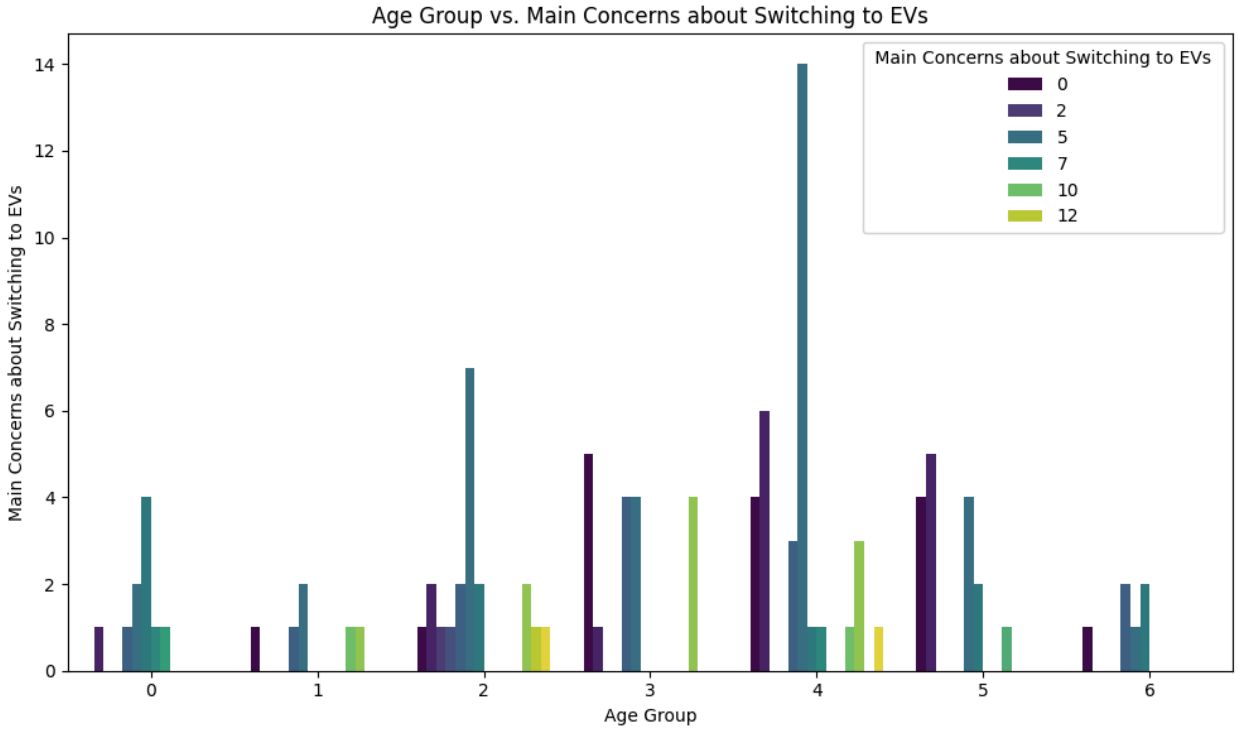
3 :: Self-employed

4 :: Student

5 :: Unemployed

==========

2. Age Group vs. Main Concerns about Switching to EVs



Notations:

==========

INSIGHT on Result 2 : Age Group vs. Main Concerns about Switching to EVs

Notations of the X - Axis ::

Age_group_new -> What is your age group?

0 :: Under 18

1 :: 18 - 24

2 :: 25 - 34

3 :: 35 - 44

4 :: 45 - 54

5 :: 55 - 64

6 :: 65 and above

Notations of the Y - Axis ::

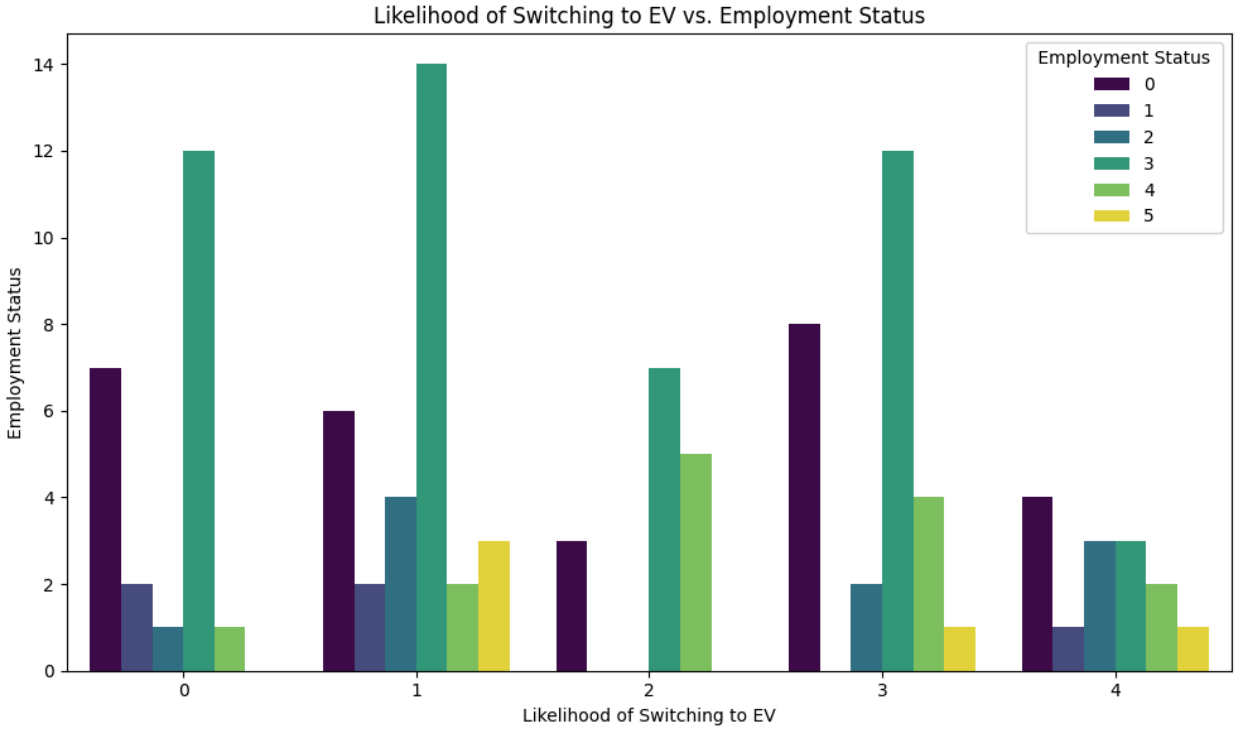
Q4_new -> What are your main concerns about switching to EVs?

1 :: Availability of charging stations

5 :: Cost of EVs
6 :: Environmental impact
11 :: No concerns
9 :: Lack of information
13 :: Range per charge
3 :: Climate control

==========

3. Likelihood of Switching to EV vs. Employment Status



Notations:

==========

INSIGHT on Result 3 : Likelihood of Switching to EV vs. Employment Status

Notations of the X - Axis ::

Q3_new -> How likely are you to switch to an EV within the next 5 years?

2 :: Somewhat unlikely

1 :: Somewhat likely

0 :: Neutral

3 :: Very likely

4 :: Very unlikely

Notations of the Y - Axis ::

"Q1_new" -> (Employment Status)

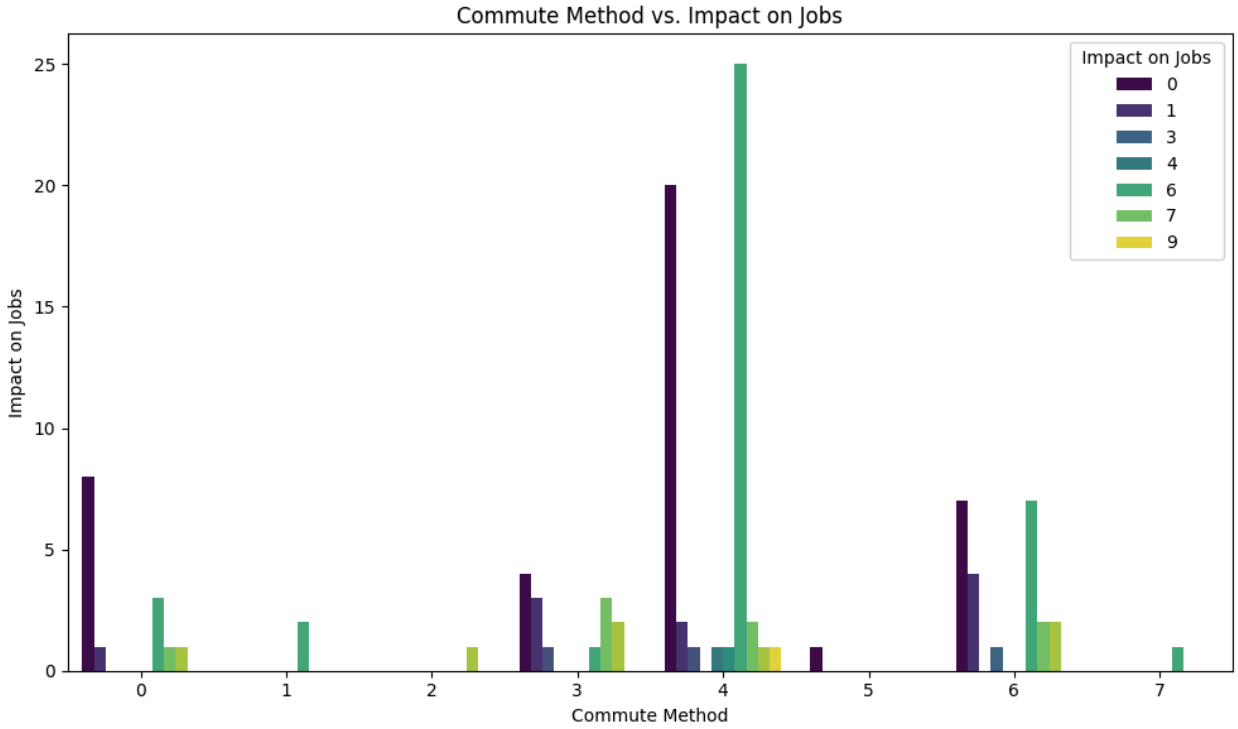
0 :: No

1 :: Maybe

2 :: Yes

==========

4. Commute Method vs. Impact on Jobs



Notations:

==========

INSIGHT on Result 4 : Commute Method vs. Impact on Jobs

Notations of the X - Axis ::

Q2_new -> How do you currently commute?

4 :: Internal Combustion (IC) vehicle

0 :: Bike/Walk

3 :: Electric Vehicle (EV)

6 :: Public transportation

7 :: School bus

1 :: Car

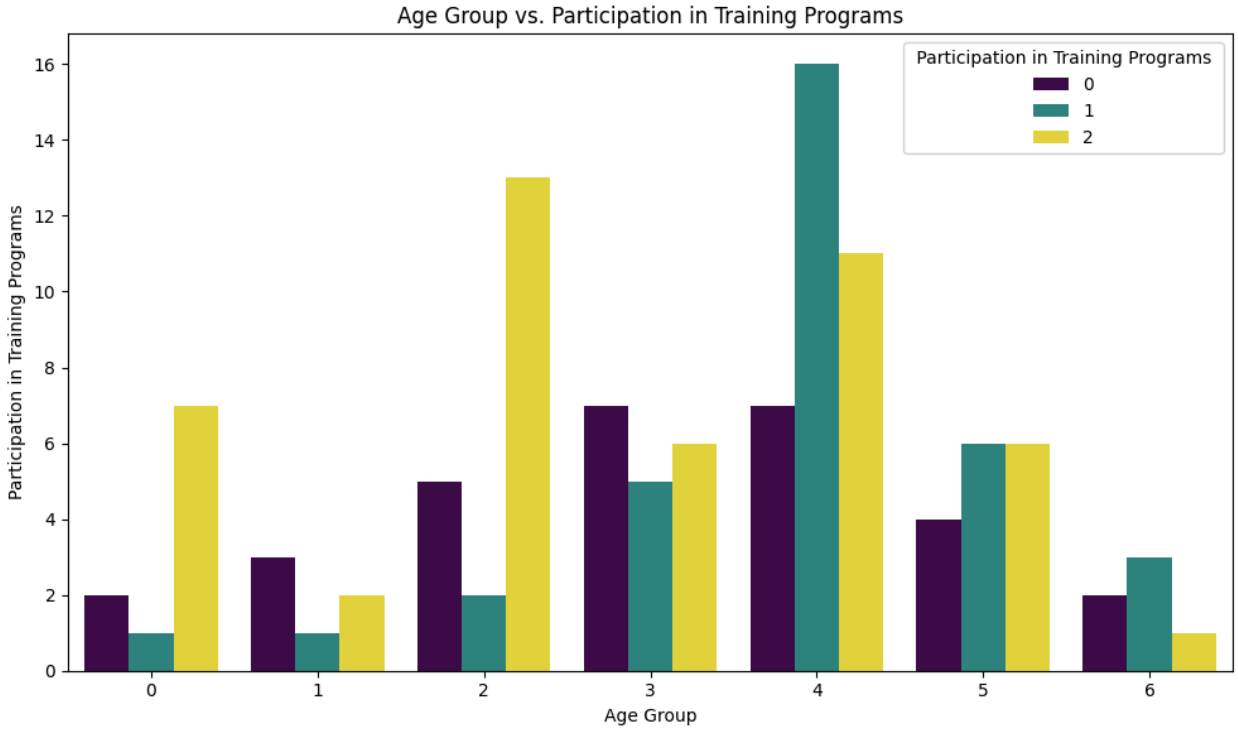
Notations of the Y - Axis ::

Q5_new -> Do you believe the transition to EVs will create more jobs, fewer jobs, or have no impact on employment levels?

1 :: Fewer jobs
3 :: Unsure
2 :: No impact
0 :: Create more jobs

==========

5. Age Group vs. Participation in Training Programs



Notations:

==========

INSIGHT on Result 5 : Age Group vs. Participation in Training Programs

Notations of the X - Axis ::

Age_group_new -> What is your age group?

0 :: Under 18

1 :: 18 - 24

2 :: 25 - 34

3 :: 35 - 44

4 :: 45 - 54

5 :: 55 - 64

6 :: 65 and above

Notations of the Y - Axis ::

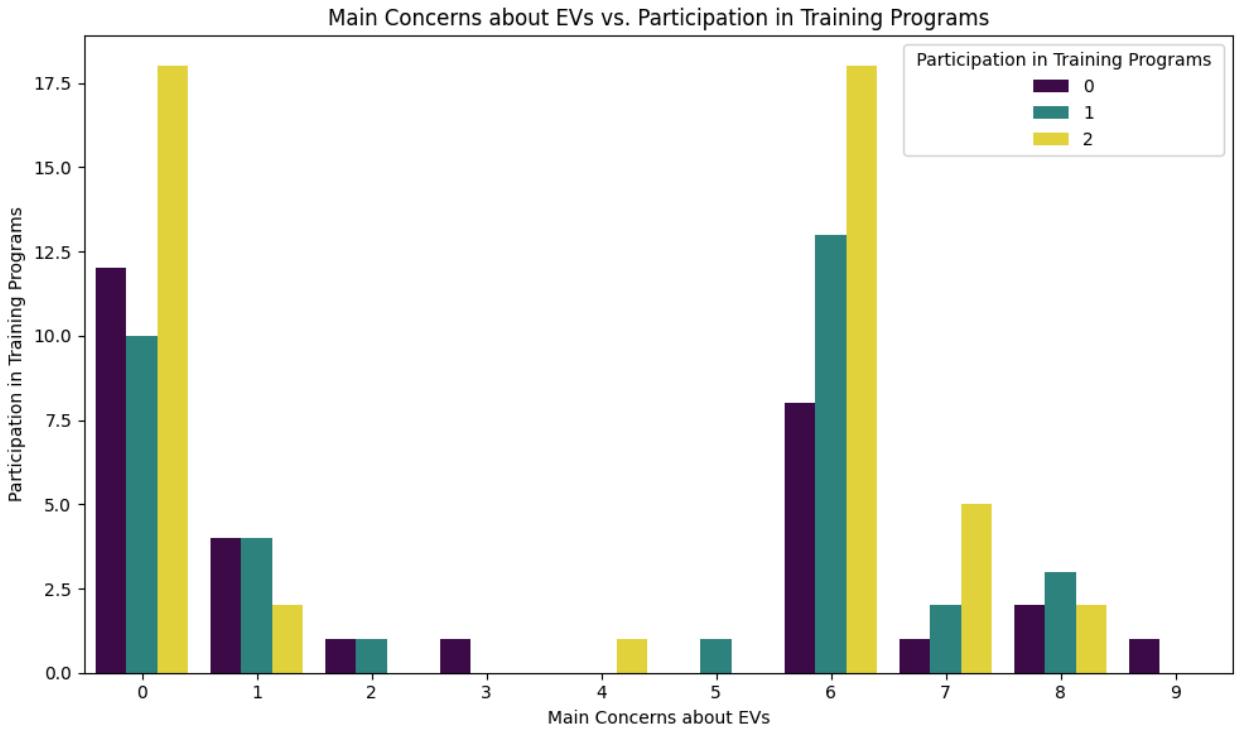
Q7_new -> Would you participate in training programs for new skills if your job was affected by the transition to EVs?

0 :: Employed full-time

1 ***::*** ***Employed part-time***
2 ***::*** ***Retired***
3 ***::*** ***Self-employed***
4 ***::*** ***Student***
5 ***::*** ***Unemployed***

==========

6. Main Concerns about EVs vs. Participation in Training Programs



Notations:

==========

INSIGHT on Result 6 : Main Concerns about EVs vs. Participation in Training Programs
Notations of the X - Axis ::
Q4_new -> What are your main concerns about switching to EVs?

1	*::*	*Availability of charging stations*
5	*::*	*Cost of EVs*
6	*::*	*Environmental impact*
11	*::*	*No concerns*
9	*::*	*Lack of information*
13	*::*	*Range per charge*
3	*::*	*Climate control*

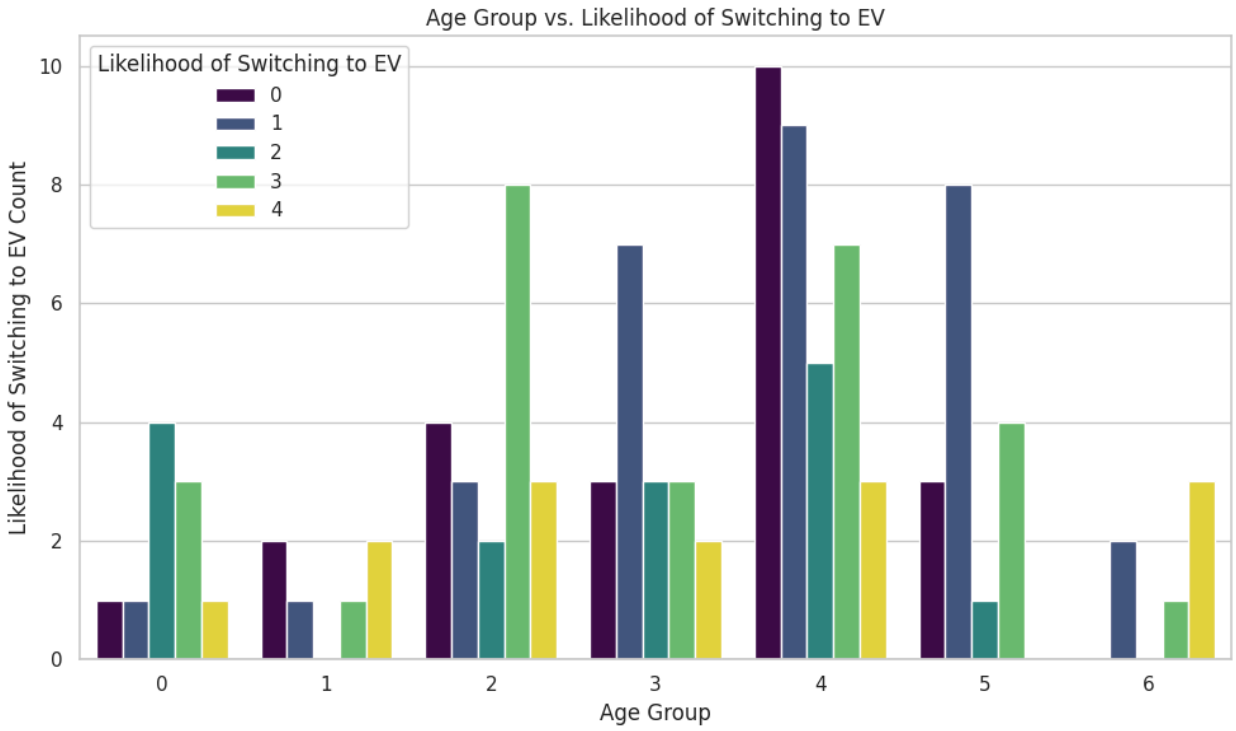
Notations of the Y - Axis ::
Q7_new -> Would you participate in training programs for new skills if your job was affected by the transition to EVs?

0	*::*	*Employed full-time*
1	*::*	*Employed part-time*
2	*::*	*Retired*

3 *::* *Self-employed*
4 *::* *Student*
5 *::* *Unemployed*

==========

7. Age Group vs. Likelihood of Switching to EV



Notations:

==========

INSIGHT on Result 7 : Age Group vs. Likelihood of Switching to EV

Notations of the X - Axis ::

Q1_new -> What is your current employment status?

0 :: No

1 :: Maybe

2 :: Yes

Notations of the Y - Axis ::

Q3_new -> How likely are you to switch to an EV within the next 5 years?

2 :: Somewhat unlikely

1 :: Somewhat likely

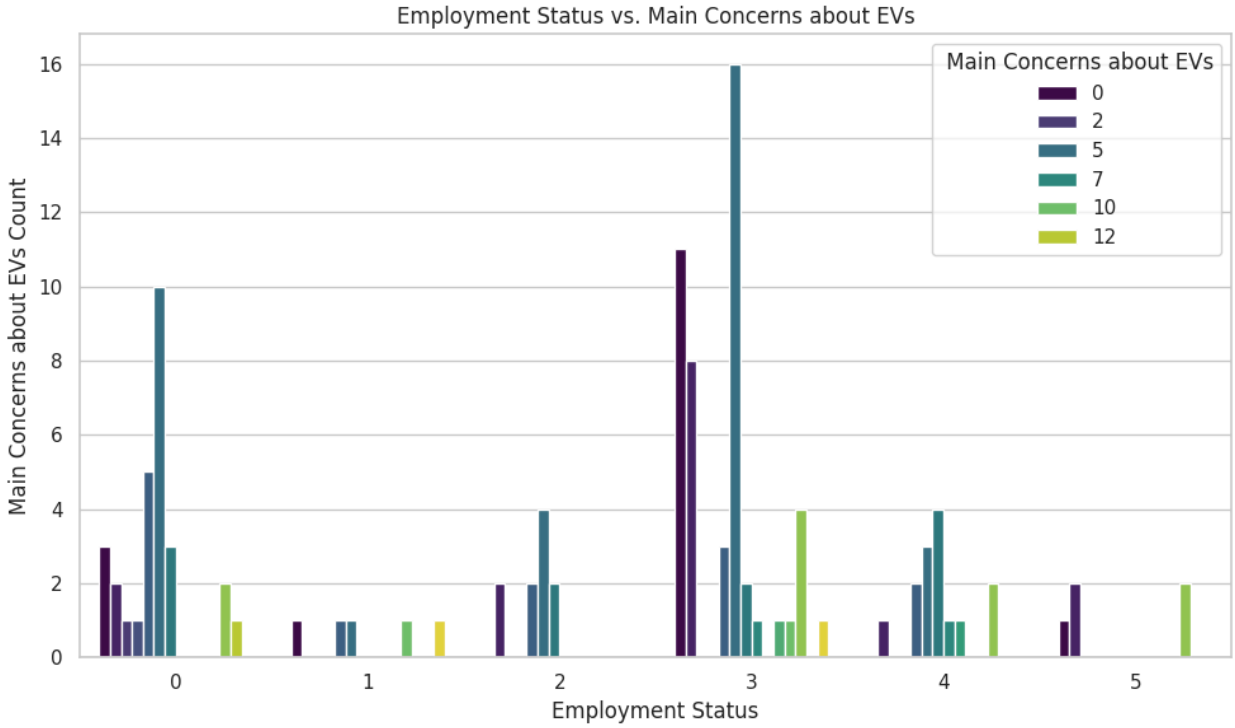
0 :: Neutral

3 :: Very likely

4 :: Very unlikely

==========

8. Employment Status vs. Main Concerns about EVs



Notations:

==========

INSIGHT on Result 8 : Employment Status vs. Main Concerns about EVs

Notations of the X - Axis ::

"Q1_new" -> (Employment Status)

0 :: No

1 :: Maybe

2 :: Yes

Notations of the Y - Axis ::

Q4_new -> What are your main concerns about switching to EVs?

1 :: Availability of charging stations

5 :: Cost of EVs

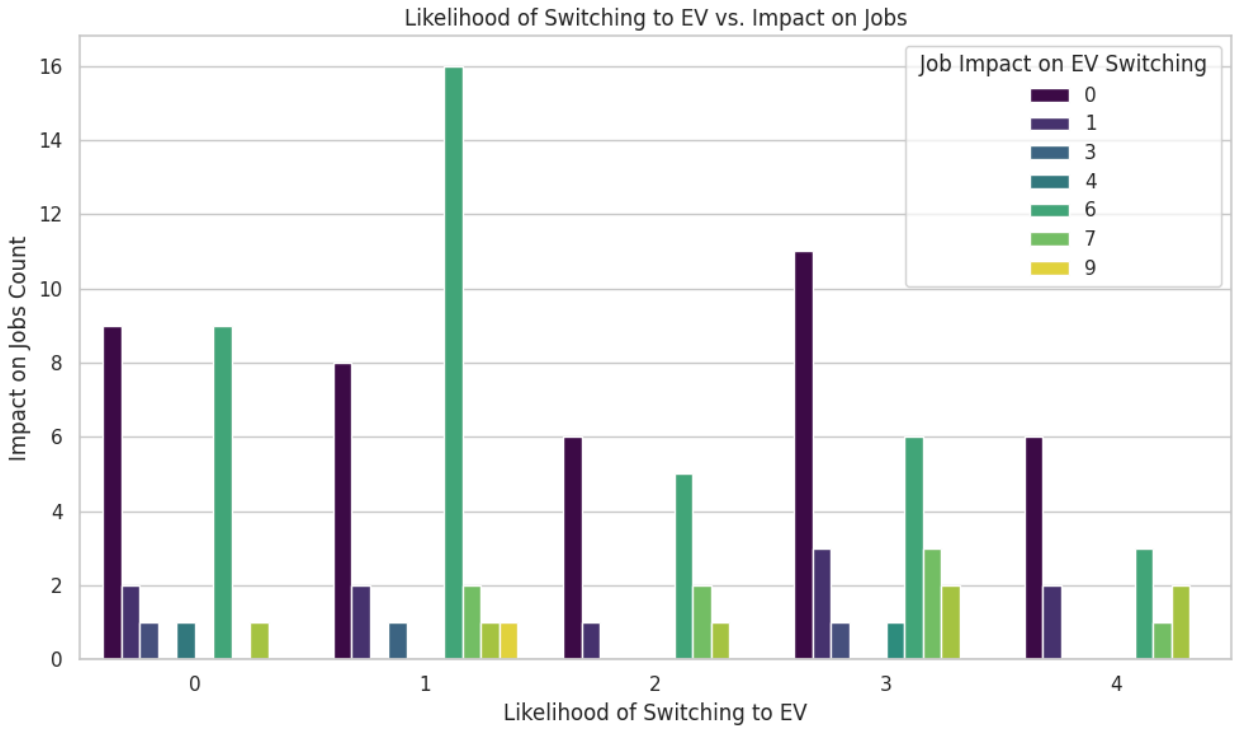
6 :: Environmental impact

11 :: No concerns

9 :: Lack of information
13 :: Range per charge
3 :: Climate control

==========

9. Likelihood of Switching to EV vs. Impact on Jobs



Notations:

==========

INSIGHT on Result 9 : Likelihood of Switching to EV vs. Impact on Jobs
Notations of the X - Axis ::
Q3_new -> How likely are you to switch to an EV within the next 5 years?

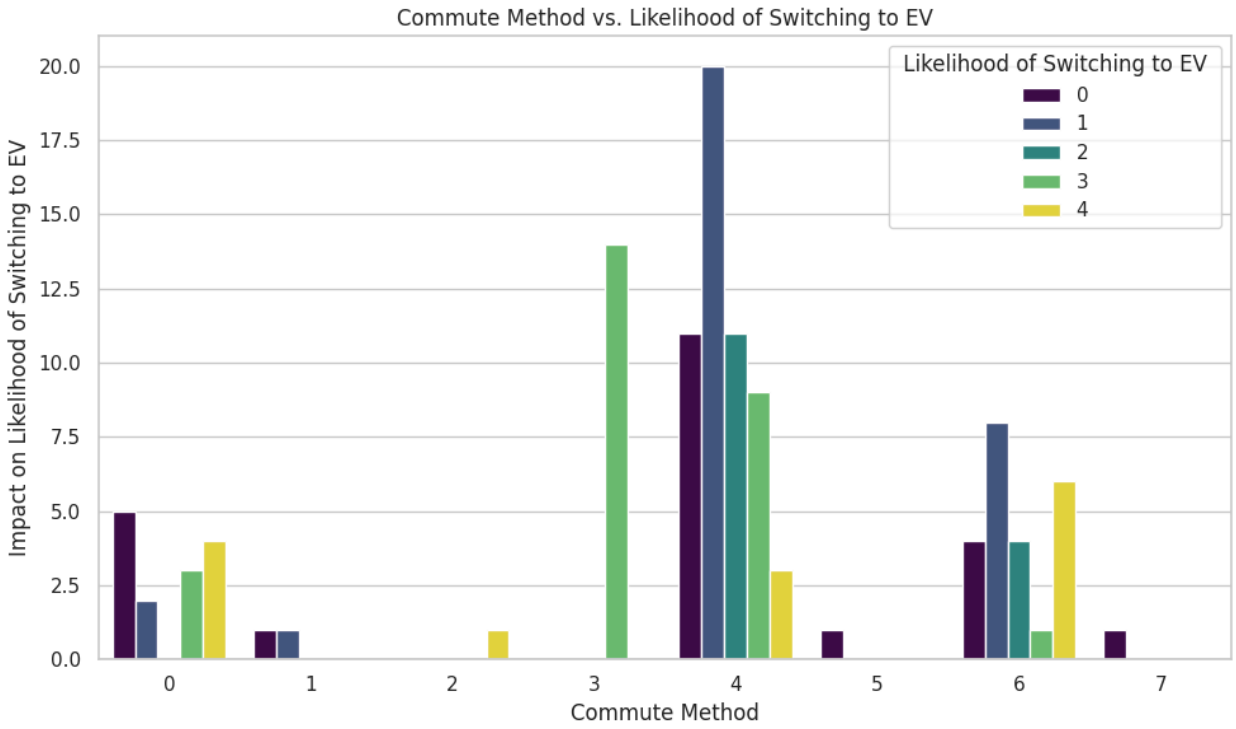
2	*::*	*Somewhat unlikely*
1	*::*	*Somewhat likely*
0	*::*	*Neutral*
3	*::*	*Very likely*
4	*::*	*Very unlikely*

Notations of the Y - Axis ::
Q5_new -> Do you believe the transition to EVs will create more jobs, fewer jobs, or have no impact on employment levels?

1	*::*	*Fewer jobs*
3	*::*	*Unsure*
2	*::*	*No impact*
0	*::*	*Create more jobs*

==========

10. Commute Method vs. Likelihood of Switching to EV



Notations:

==========

INSIGHT on Result 10 : Commute Method vs. Likelihood of Switching to EV
Notations of the X - Axis ::
Q2_new -> How do you currently commute?
4 :: Internal Combustion (IC) vehicle
0 :: Bike/Walk
3 :: Electric Vehicle (EV)
6 :: Public transportation
7 :: School bus
1 :: Car

Notations of the Y - Axis ::
Q3_new -> How likely are you to switch to an EV within the next 5 years?
2 :: Somewhat unlikely
1 :: Somewhat likely
0 :: Neutral
3 :: Very likely
4 :: Very unlikely

==========