**A Dataset on Consumers' Knowledge, Attitude, and Practice: Investigating Electric Vehicle Adoption in the Indian Automobile Sector"**

Hello, I am Rashika Singh, a Research Scholar at Amity University. I am currently conducting a research study titled "Consumers' Knowledge, Attitude, and Practice: Investigating Electric Vehicle Adoption in the Indian Automobile Sector." Your participation in this anonymous questionnaire is entirely voluntary, and it will take approximately 5 minutes to complete. You have the right to withdraw from the survey at any time. By completing the questionnaire, you provide your consent to participate in this research. Rest assured that the survey does not request any personally identifying information. If you have any inquiries or concerns, please feel free to reach out to me at rashika.singh1@student.amity.edu. This questionnaire is divided into two sections, and I kindly request you to answer all the questions in both sections. Thank you for your participation.

**Thank you for your participation!**

**Section A Demographic Profile**

The purpose of this section is to gather some brief information about you. Please choose the relevant response and be assured that all answers will be kept confidential.

QA 1: What is your gender?

* Male
* Female

QA 2: What is your age?

* 24 years -28 years
* 28 years -32 years
* 32 years -36 years
* 36 years above

QA 3: What is your Monthly Household Income?

* Less than 5 lakhs
* 5 lakhs- 10 lakhs
* 10 lakhs- 15 lakhs

**Section B Dataset on Consumers' Knowledge, Attitude, and Practice: Investigating Electric Vehicle Adoption in the Indian Automobile Sector**

This section is intended to collect your opinions on Consumer Understanding, Attitudes, and Behavior concerning the adoption of electric vehicles in the Indian Automotive Sector. In this section, you will be requested to express the degree of your agreement or disagreement with each statement. To do so, please use a 5-point Likert scale [(1) = strongly disagree; (2) = disagree; (3) = neutral; (4) = agree; (5) = strongly agree]. Kindly circle the appropriate number on each line to convey your level of agreement or disagreement with the statements provided below.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| No | Questions | Strongly agree | Agree | Neutral | Disagree | Strongly Disagree |
| B1 | Knowledge |  |  |  |  |  |
| K1 | I can correctly define what an electric vehicle (EV) is. | 1 | 2 | 3 | 4 | 5 |
| K2 | I understand the environmental benefits of using electric vehicles. | 1 | 2 | 3 | 4 | 5 |
| K3 | I am aware of the government policies and incentives related to electric vehicle adoption in India. | 1 | 2 | 3 | 4 | 5 |
| K4 | I know where I can find information about charging stations for electric vehicles in my area. | 1 | 2 | 3 | 4 | 5 |
| K5 | I am familiar with the different types of electric vehicle technologies, such as battery electric vehicles (BEVs) and plug-in hybrid electric vehicles (PHEVs). | 1 | 2 | 3 | 4 | 5 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| No | Questions | Strongly agree | Agree | Neutral | Disagree | Strongly Disagree |
| B2 | Attitude |  |  |  |  |  |
| ATT1 | I believe that electric vehicles are a more environmentally friendly option compared to traditional gasoline/diesel vehicles. | 1 | 2 | 3 | 4 | 5 |
| ATT2 | I think that owning an electric vehicle would lead to cost savings in the long run. | 1 | 2 | 3 | 4 | 5 |
| ATT3 | I have a positive attitude toward the performance and driving experience of electric vehicles. | 1 | 2 | 3 | 4 | 5 |
| ATT4 | I support government incentives and policies that promote electric vehicle adoption. | 1 | 2 | 3 | 4 | 5 |
| ATT5 | I believe that the availability of a charging infrastructure is a crucial factor for the success of electric vehicles. | 1 | 2 | 3 | 4 | 5 |

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| --- | --- | --- | --- | --- | --- | --- |
| No | Questions | Strongly agree | Agree | Neutral | Disagree | Strongly Disagree |
| P3 | Practice |  |  |  |  |  |
| P1 | I have driven or ridden in an electric vehicle in the past year. | 1 | 2 | 3 | 4 | 5 |
| P2 | I currently own or lease an electric vehicle. | 1 | 2 | 3 | 4 | 5 |
| P3 | I use public charging stations for my electric vehicle regularly. | 1 | 2 | 3 | 4 | 5 |
| P4 | I have considered the total cost of ownership (purchase price, maintenance, charging) when deciding on an electric vehicle. | 1 | 2 | 3 | 4 | 5 |
| P5 | I have actively searched for information about electric vehicles online. | 1 | 2 | 3 | 4 | 5 |