Data Definition of Survey Entries

File: survey_entries

Name	Description	Remarks
code	Code of questionnaire entries	**Data type:** Numeric
car_own	Car ownership status as the main driver	**Data type:** Numeric **Acceptable values:** 0 – No 1 – Yes
car_no	Number of car in household	**Data type:** Numeric
ev_own	Electric vehicle ownership status	**Data type:** Numeric **Acceptable values:** 0 – No; 1 – Yes **Relationship to other data element:** null if 0 in car_own
ev_brand	Brand of electric vehicle owned	**Data type:** Numeric **Acceptable values:** 1 – Tesla; 2 – BMW; 3 – Nissan; 4 – Volkswagen; 5 – Toyota; 6 – Hyuundai; 7 - Others

		Relationship to other data element: null if 0 in car_own or ev_own
ev_exp	Previous electric vehicle experience as a driver or a passenger	**Data type:** Numeric **Acceptable values:** 0 – No; 1 – Yes **Relationship to other data element:** null if 1 in ev_own
int_next	Electric vehicle purchase intention as the next car	**Data type:** Numeric **Acceptable values:** in 1 to 7 scale, where: 1 – definitely not; 2 – <no text description>; 3 – <no text description>; 4 – <no text description>; 5 – <no text description>; 6 – <no text description>; 7 - definitely
int_5y	Electric vehicle purchase intention within the next five years	
factor_price	Importance of vehicle price to car purchase decision	**Data type:** Numeric **Acceptable values:** in 1 to 7 scale, where: 1 – not important at all; 2 – <no text description>; 3 – <no text description>; 4 – <no text description>;
factor_charge	Importance of charging infrastructure availability to car purchase decision	
factor_sub	Importance of subsidies to car purchase decision	

		5 – <no text description>; 6 – <no text description>; 7 – utmost important
budget	Budget of vehicle purchase	**Data type:** Numeric **Acceptable values:** 1 – Below HKD100,000; 2 – HKD100,000 to HKD199,999; 3 – HKD200,000 to HKD299,999; 4 – HKD300,000 to HKD399,999; 5 – HKD400,000 to HKD499,999; 6 – HKD500,000 to HKD599,999; 7 – HKD600,000 or more **Relationship to other data element:** null if 1 in int_5y
pb_tesla	Selection of preferred electric vehicle brand: Tesla	**Data type:** Numeric **Acceptable values:** 0 – not selected; 1 – selected
pb_euauto	Selection of preferred electric vehicle brand: EuAuto	
pb_mitsubishi	Selection of preferred electric vehicle brand: Mitsubishi	
pb_nissan	Selection of preferred electric vehicle brand: Nissan	
pb_bmw	Selection of preferred electric vehicle brand: BMW	
pb_renault	Selection of preferred electric vehicle brand: Renault	
pb_byd	Selection of preferred electric vehicle brand: BYD	
pb_tazzari	Selection of preferred electric vehicle brand: TAZZARI	
pb_benz	Selection of preferred electric vehicle brand: Mercedes-Benz	
pb_vw	Selection of preferred electric vehicle brand: Volkswagen	
pb_hyundai	Selection of preferred electric vehicle brand: Hyundai	

v4	Attitude to statement “With the knowledge I have about electric cars, I will feel safe buying an electric car.”	**Data type:** Numeric **Acceptable values:** in 1 to 7 scale, where: 1 – strongly disagree; 2 – <no text description>; 3 – <no text description>; 4 – <no text description>; 5 – <no text description>; 6 – <no text description>; 7 – strongly agree
v16	Attitude to statement “If I own a car that is not fuel-efficient and environmentally friendly, it sometimes gives me a bad conscience.”	
v17	Attitude to statement “I feel a strong obligation to only buy/own an environmentally friendly car.”	
p3	Attitude to statement “There are many problems and difficulties connected to owning an electric car.”	
c1	Attitude to statement “Charging an electric car at my own premises is cumbersome.”	
c2	Attitude to statement “Charging an electric car at public charging stations is cumbersome.”	
c5	Attitude to statement “There are too few charging stations for electric cars in Hong Kong.”	
c6	Attitude to statement “Charging stations for electric cars are hard to find.”	
ex3	Attitude to statement “I will only purchase an EV if the first registration tax is fully exempted.”	
ex4	Attitude to statement “I will only purchase an EV if more public charging facilities become available.”	
daily_mile	Daily driving mileage	**Data type:** Numeric **Acceptable values:** 1 – Below 20km; 2 – 20km to 39km;

		3 – 40km to 59km; 4 – 60km to 79km; 5 – 80km to 99km; 6 – 100km to 119km; 7 – 120km to 139km; 8 – Above 140km **Relationship to other data element:** null if 0 in car_own
purpose	Private car usage purpose	**Data type:** Numeric **Acceptable values:** 1 – Work; 2 – Entertainment travel; 3 – Child pick up **Relationship to other data element:** null if 0 in car_own
park_night	Night time parking location	**Data type:** Numeric **Acceptable values:** 1 – single-family house garage; 2 – owned parking space at premises; 3 – owned parking space outside premises; 4 – rented fixed parking space at premises; 5 – rented fixed parking space outside premises; 6 – rented floating parking space at premises; 7 – rented floating parking space outside premises **Relationship to other data element:** null if 0 in car_own
preferred_charge_loc	Preferred electric vehicle charging location	**Data type:** Numeric

		Acceptable values: 1 – Residence; 2 – Workplace; 3 – Car park outside residence and workplace; 4 – Shopping mall; 5 – Hotel; 6 – Roadside parking space
current_charge_loc	Current electric vehicle charging location	**Data type:** Numeric **Acceptable values:** 1 – Residence; 2 – Workplace; 3 – Car park outside residence and workplace; 4 – Shopping mall; 5 – Hotel **Relationship to other data element:** null if 0 in car_own or ev_own
charge_freq	Electric vehicle charging frequency	**Data type:** Numeric **Acceptable values:** 1 – every day; 2 – every two days; 3 – every three days; 4 – every four days; 5 – every five days; 6 – every six days;

		7 – every week; 8 – every fortnight; 9 – every month **Relationship to other data element:** null if 0 in car_own or ev_own
charge_at_bat	Usual battery level when charging sessions commence	**Data type:** Numeric **Acceptable values:** 1 – 0% to 19%; 2 – 20% to 39%; 3 – 40% to 59%; 4 – 60% to 79%; 5 – 80% to 99% **Relationship to other data element:** null if 0 in car_own or ev_own
charge_to_bat	Usual battery level when charging sessions stop	**Data type:** Numeric **Acceptable values:** 1 – 40% to 59%; 2 – 60% to 79%; 3 – 80% to 99%; 4 – 100% **Relationship to other data element:** null if 0 in car_own or ev_own
sex	Gender of respondents	**Data type:** Numeric **Acceptable values:**

		0 – female; 1 - male
age	Age of respondents	**Data type:** Numeric **Acceptable values:** 1 – 24 or below; 2 – 25 to 34; 3 – 35 to 44; 4 – 45 to 54; 5 – 55 to 64; 6 – 65 or above
edu	Educational attainment of respondents	**Data type:** Numeric **Acceptable values:** 1 – secondary or below; 2 – diploma/certificate/associate degree; 3 – bachelor; 4 – master/PhD
marital	Marital status of respondents	**Data type:** Numeric **Acceptable values:** 1 – never married; 2 – married; 3 – widowed/divorced/separated
h_type	Housing type of respondents	**Data type:** Numeric **Acceptable values:** 1 – public rental housing;

		2 – subsidized home ownership housing; 3 – private permanent housing; 4 – non-domestic housing; 5 – temporary housing
h_tenure	Housing tenure of respondents	**Data type:** Numeric **Acceptable values:** 1 – owner-occupier with mortgage or loan; 2 – owner-occupier without mortgage or loan; 3 – sole tenant; 4 – co-tenant/main tenant/sub-tenant; 5 – rent free/provided by employer
dis_live	Living district of respondents	**Data type:** Numeric **Acceptable values:** 1 – Central and Western; 2 – Wan Chai; 3 – Eastern; 4 – Southern; 5 – Kowloon City; 6 – Wong Tai Sin; 7 – Kwun Tong; 8 – Yau Tsim Mong; 9 – Sham Shui Po; 10 – Tsuen Wan; 11 – Kwai Tsing;
dis_work	Working district of respondents	

		12 – Sai Kung; 13 – Sha Tin; 14 – Tai Po; 15 – North; 16 – Tuen Mun; 17 – Yuen Long; 18 – Islands
family_size	Household size of respondents	**Data type:** Numeric
child_no	Number of children aged under 15 in household of respondents	**Data type:** Numeric
compo	Household composition of respondents	**Data type:** Numeric **Acceptable values:** 1 – couple; 2 – couple and unmarried children; 3 – lone parent and unmarried children; 4 – couple and at least one of their parents; 5 – couple, at least one of their parents and their unmarried children; 6 – other relationship combinations; 7 – one-person household; 8 – non-relative household
employ	Economic activity status of respondents	**Data type:** Numeric **Acceptable values:** 1 – employee; 2 – employer/self-employed;

		3 – unpaid family worker/home-maker; 4 – student; 5 - retired
income	Monthly income from main employment of respondents	**Data type:** Numeric **Acceptable values:** 1 – less than HKD10,000; 2 – HKD10,000 to 14,999; 3 – HKD15,000 to 19,999; 4 – HKD20,000 to 24,999; 5 – HKD25,000 to 29,999; 6 – HKD30,000 to 39,999; 7 – HKD40,000 to 59,999; 8 – HKD60,000 or more