VIC ROAD ACCIDENTS DATA 1/1/2006 to 1/11/2020 Documentation

Link to schema: https://app.quickdatabasediagrams.com/#/d/IxrtGi

master_accident_cleaned

lists all accidents (202,807 rows)

Field	Description	Type	Default	Other
ACCIDENT_NO	unique accident numbers	varchar(20)		PK, FK
ACCIDENTDATE	date accident occurred dd/mm/yyyy	date		
ACCIDENTTIME	time accident occurred hh:mm:ss	time		
ACCIDENT_TYPE	type of accident (1 to 9)	int		
Accident_Type_Desc	description of accident type associated with ACCIDENT_TYPE eg. Collision with vehicle	varchar(50)		
DAY_OF_WEEK	day of the week (1 to 7) where 1 = Sunday	int		
Day_Week_Description	decription of day of week associated with DAY_WEEK eg. Sunday	varchar(10)		
DCA_CODE	Definition for Classifying Accidents eg. 111, 163	int		
DCA_Description	Description for DCA_CODE eg. RIGHT NEAR (INTERSECTIONS ONLY)	varchar(70)		
LIGHT_CONDITION	light condition at ttime of accident (1 to 9)	int		
Light_Condition_Description	description of LIGHT_CONDITION eg. day, dark street no lights etc	varchar(20)		
NO_VEHICLE	number of vehicles involved in the accident (1 tp 21)	int		
NO_PERSONS	number of people involved in the accident (1 to 97)	int		
NO_PERSONS_INJ_2	number of people injured in the accident (0 to 17)	int		
NO_PERSONS_INJ_3	number of people injured in the accident (0 to 43)	int		
NO_PERSONS_KILLED	number of people killed in the accident (0 to 11)	int		
NO_PERSONS_NOT_INJ	number of people not injured in the accident (0 to 87)	int		
POLICE_ATTEND	number of police officers attended accident (1 to 9)	int		

Field	Description	Type	Default	Other
ROAD_GEOMETRY	location on road (1 to 9)	int		
Road_Geometry_Desc	description of location on road eg. Cross intersection, T intersection	varchar(50)		
SEVERITY	severity of accident (1 to 4) 1 = most severe, 4 = least severe	int		
SPEED_ZONE	speed limit where accident occurred eg. 60, 100	int		
NODE_ID		int		
NODE_TYPE	I, N, O	varchar(1)		
LGA_NAME	Local Government Area name	varchar(50)		
REGION_NAME	Region in Victoria eg. METROPOLITAN SOUTH EAST REGION	varchar(20)		
DEG_URBAN_NAME	Location category in Victoria eg. MELB_URBAN, RURAL_VICTORIA	varchar(20)		
Lat	accident latitude location	int		
Long	accident longitude location	int		
POSTCODE_NO	postcode of accident location	int		
Atmosph_Cond_Desc	description of ATMOSPH_COND eg. Clear, Smoke, Snowing, Fog	varchar(10)		
Surface_Cond_Desc	description of SURFACE_COND eg. Dry, Icy	varchar(10)		

person_cleaned

lists all the people involved in the accidents (490,948 rows)

Field	Description	Type	Default	Other
ACCIDENT_NO	not unique accident numbers	varchar(20)		FK
PERSON_ID	person in accident (1-95) (A-U)	varchar(5)		
VEHICLE_ID	vehicle in accident (A-U) not unique (contains blanks)	varchar(5)		FK
ACCIDENT_VEHICLE_ID		varchar(20)		FK
SEX	sex of person in accident (F, M, U) (Contains blanks)	varchar(10)		
AGE	age of person in accident (Contains blanks)	int		
Age_Group	age bracket AGE falls into (Contains date format and unknown)	varchar(10)		

Field	Description	Type	Default	Other
INJ_LEVEL	injury severity of person in accident (1 to 4) 1 = Fatality, 4 = Not Injured (contains blanks)	int		
Inj_Level_Desc	description of INJ_LEVEL eg. Fatality, Serious Injury, Not Injured	varchar(20)		
SEATING_POSITION	position person seated in vehicle if applicable (contains blanks)	varchar(2)		
HELMET_BELT_WORN	helmet or belt worn (1 to 9) (contains blanks)	int		
ROAD_USER_TYPE	type of road user (1 to 9) (contains blanks)	int		
Road_User_Type_Desc	description of ROAD_USER_TYPE eg. Drivers, Passengers	varchar(20)		
LICENCE_STATE	(A to Z) (contains blanks)	varchar(5)		
PEDEST_MOVEMENT	(0 to 9) (contains blanks)	int		
POSTCODE	postcode of person (contains blanks)	int		
TAKEN_HOSPITAL	if person was taken to hospital eg. Y,N (contains blanks)	varchar(5)		
EJECTED_CODE	(0 to 9) (contains blanks)	int		

vehicle_cleaned

lists all the vehicles involved in an accident (365,242 rows)

Field	Description	Type	Default	Other
ACCIDENT_NO	not unique accident numbers	varchar(20)		FK
VEHICLE_ID	(A to U) not unique	varchar(1)		PK
ACCIDENT_VEHICLE_ID	unique	varchar(20)		PK, FK
VEHICLE_YEAR_MANUF	year vehicle manufactured YYYY (contains blanks, 0 and 4)	date		
VEHICLE_DCA_CODE	(1 to 8) (contains blanks)	int		UNIQUE
INITIAL_DIRECTION	inital direction of vehicle eg. NW, S, E	varchar(2)		
ROAD_SURFACE_TYPE	(1 to 9)	int		
Road_Surface_Type_Desc	description of ROAD_SURFACE_TYPE	varchar(15)		
REG_STATE	(A to Z) (contains blanks)	varchar(4)		
VEHICLE_BODY_STYLE	vehicle body type eg. SEDAN, COUPE (contains blanks)	varchar(15)		

Field	Description	Type	Default	Other
VEHICLE_MAKE	vehicle make eg. MITSUB, FORD, TOYOTA (contains blanks)	varchar(15)		
VEHICLE_MODEL	vehicle model eg. MAGNA, FAIRMT (contains blanks)	varchar(15)		
VEHICLE_POWER	contains no data	int		
VEHICLE_TYPE	vehicle type (1 to 99)	int		
Vehicle_Type_Desc	description of VEHICLE_TYPE eg. Car, Taxi, Motor Cycle	varchar(20)		
VEHICLE_WEIGHT	vehicle weight (many are blank)	int		
CONSTRUCTION_TYPE	A, P or R (contains blanks)	varchar(1)		
FUEL_TYPE	D to 7 (contains blanks)	varchar(1)		
NO_OF_WHEELS	0 to 61 (contains blanks)	int		
NO_OF_CYLINDERS	0 to 93 (contains blanks)	int		
SEATING_CAPACITY	0 to 70 (contains blanks)	int		
TARE_WEIGHT	tare weight vehicle (contains blanks)	int		
TOTAL_NO_OCCUPANTS	number occupants in vehicle (0 to 96) (contains blanks)	int		
CARRY_CAPACITY	vehicle carry capacity (contains blanks)	int		
CUBIC_CAPCITY	vehicle cubic capacity (contains blanks)	int		
FINAL_DIRECTION	final direction of vehicle eg. NW, S, E	varchar(2)		
DRIVER_INTENT	1 to 99 (contains blanks)	int		
VEHICLE_MOVEMENT	1 to 99 (contains blanks)	int		
TRAILER_TYPE	A to L (contains blanks)	varchar(1)		
VEHICLE_COLOUR_1	colour of vehicle	varchar(3)		
VEHICLE_COLOUR_2	colour of vehicle (contains blanks)	varchar(3)		
CAUGHT_FIRE	0 to 9	int		
INITIAL_IMPACT	numbers and letters	varchar(4)		
LAMPS	(0 to 9)	int		
LEVEL_OF_DAMAGE	(1 to 9)	int		
OWNER_POSTCODE	vehicle owner postcode (contains blanks)	int		
TOWED_AWAY_FLAG	1,2,9	int		
TRAFFIC_CONTROL	1 to 99	int		
Traffic_Control_Descr	description of TRAFFIC_CONTROL	varchar(20)		