QUICK DBD

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VIC ROAD ACCIDENTS DATA 1/1/2006 to 4/11/2020 Documentation

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

ACCIDENT

lists all accidents (203,708 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)		
DIRECTORY	map directory eg. MEL (contains blanks)	varchar		
EDITION	edition of map eg. 40 (contains blanks)	int		
PAGE	page of map eg. 91A (contains blanks)	varchar(5)		
GRID_REFERENCE_X	map grid reference on x axis eg G, H (contains blanks)	varchar(5)		
GRID_REFERENCE_Y	map grid reference on y axis eg 7, 8 (contains blanks)	varchar(5)		
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)		
NODE_ID	pinpoint location on map	int		
NO_VEHICLE	number of vehicles involved in the accident (1 tp 21)	int		

Field	Description	Type	Default	Other
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		
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_TYPE	not type I, N or O (contains blanks and N/A)	varchar(3)		
LGA_NAME	Local Government Area name (contains blanks and N/A)	varchar(50)		
LGA_NAME_ALL	Local Government Area name grouped for some (contains blanks and N/A)	varchar(50)		
REGION_NAME	Region in Victoria eg. METROPOLITAN SOUTH EAST REGION (contains blanks and N/A)	varchar(20)		
DEG_URBAN_NAME	Location category in Victoria eg. MELB_URBAN, RURAL_VICTORIA	varchar(20)		
Lat	accident latitude location (contains N/A)	int		
Long	accident longitude location (contains N/A)	int		

ATMOSPHERIC_COND

lists atmospheric conditions for each accident (206,958 rows)

Field	Description	Type	Default	Other
ACCIDENT_NO	not unique accident numbers	varchar(20)		FK
ATMOSPH_COND	atmospheric conditions (1 to 9)	int		

Field	Description	Type	Default	Other
ATMOSPH_COND_SEQ	sequence of atmospheric conditions for accident (0 t0 4) ie. can have more than one	int		
Atmosph_Cond_Desc	description of ATMOSPH_COND eg. Clear, Smoke, Snowing, Fog	varchar(10)		

NODE

lists the location of the accidents (221,787 rows)

Field	Description	Type	Default	Other
ACCIDENT_NO	not unique accident numbers	varchar(20)		FK
NODE_ID		int		
NODE_TYPE	I, N, O (contains blanks)	varchar(1)		
VICGRID94_X		int		
VICGRID94_Y		int		
LGA_NAME	Local Government Area name (contains blanks and N/A)	varchar(50)		
LGA_NAME_ALL	Local Government Area name grouped for some (contains blanks and N/A)	varchar(50)		
REGION_NAME	Region in Victoria eg. METROPOLITAN SOUTH EAST REGION (contains blanks and N/A)	varchar(20)		
DEG_URBAN_NAME	Location category in Victoria eg. MELB_URBAN, RURAL_VICTORIA	varchar(20)		
Lat	accident latitude location (contains N/A)	int		
Long	accident longitude location (contains N/A)	int		
POSTCODE_NO	postcode of accident location	int		

PERSON

lists all the people involved in the accidents (490,949 rows)
NOTE: need to create key ACCIDENT_NO and VEHICLE_ID

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) (Contains blanks)	varchar(5)		FK

Field	Description	Type	Default	Other
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)		
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		

ROAD_SURFACE_COND

lists road surface conditions at time of accident (205,030 rows)

Field	Description	Type	Default	Other
ACCIDENT_NO	not unique accident numbers	varchar(20)		FK
SURFACE_COND	surface condition at time of accident (1 to 9)	int		
Surface_Cond_Descr	description of SURFACE_COND eg. Dry, Icy	varchar(10)		
SURFACE_COND_SEQ	sequence of surface condition (0 to 3) can be more than one per accident	int		

VEHICLE

lists vehicles involved in accident (365,242 rows)
NOTE: need to create a key ACCIDENT_NO and VEHICLE_ID

Field	Description	Type	Default	Other
ACCIDENT_NO	not unique accident numbers	varchar(20)		FK
VEHICLE_ID	(A to U)	varchar(1)		PK
VEHICLE_YEAR_MANUF	year vehicle manufactured YYYY (contains blanks, 0 and 4)	date		
VEHICLE_DCA_CODE	(1 to 8) (contains blanks)	int		
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)		
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)		

Field	Description	Type	Default	Other
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)		