Reviewed Dataset

Accidents in France from 2005 to 2016

Help prevent accidents.

36 voters

Ahmed Lahlou Mimi • updated 3 months ago (Version 2)

Tags data visualization demographics time series vehicles mortality medium featured

Description

Context

Every year, road accidents cause thousands of deaths. I strongly Believe that Data Science can be used for good, That's why I decided to make this contribution.

Here Is the description of the tables :

Content

CARACTERISTICS :

Num_Acc : Accident ID

jour : Day of the accident

mois : Month of the accident

an : Year of the accident

hrmn : Time of the accident in hour and minutes (hhmm)

lum : Lighting : lighting conditions in which the accident occurred

- 1 - Full day
- 2 - Twilight or dawn
- 3 - Night without public lighting
- 4 - Night with public lighting not lit
- 5 - Night with public lighting on

dep : Departmeent : INSEE Code (National Institute of Statistics and Economic Studies) of the departmeent followed by a 0 (201 Corse-du-Sud - 202 Haute-Corse)

com : Municipality: The commune number is a code given by INSEE. The code has 3 numbers set to the right.

Localisation :

- 1 - Out of agglomeration
- 2 - In built-up areas

int : Type of Intersection :

- 1 - Out of intersection
- 2 - Intersection in X
- 3 - Intersection in T
- 4 - Intersection in Y
- 5 - Intersection with more than 4 branches
- 6 - Giratory
- 7 - Place
- 8 - Level crossing
- 9 - Other intersection

atm : Atmospheric conditions:

- 1 - Normal
- 2 - Light rain
- 3 - Heavy rain
- 4 - Snow - hail
- 5 - Fog - smoke
- 6 - Strong wind - storm
- 7 - Dazzling weather
- 8 - Cloudy weather
- 9 - Other

col : Type of collision:

- 1 - Two vehicles - frontal
- 2 - Two vehicles - from the rear
- 3 - Two vehicles - by the side
- 4 - Three vehicles and more - in chain
- 5 - Three or more vehicles - multiple collisions
- 6 - Other collision
- 7 - Without collision

adr : Postal address: variable filled in for accidents occurring in built-up areas

gps : GPS coding: 1 originator character:

- M = Métropole
- A = Antilles (Martinique or Guadeloupe)
- G = Guyane
- R = Réunion
- Y = Mayotte

Geographic coordinates in decimal degrees:

- lat : Latitude
- long : Longitude

Places:

Num_Acc : Accident ID

catr : Category of road:

- 1 - Highway
- 2 - National Road
- 3 - Departmental Road
- 4 - Communal Way

- 5 - Off public network
- 6 - Parking lot open to public traffic
- 9 - other

voie : Road Number

V1: Numeric index of the route number (example: 2 bis, 3 ter etc.)

V2: Letter alphanumeric index of the road

circ: Traffic regime:

- 1 - One way
- 2 - Bidirectional
- 3 - Separated carriageways
- 4 - With variable assignment channels

nbv: Total number of traffic lanes

vosp: Indicates the existence of a reserved lane, regardless of whether or not the accident occurs on that lane.

- 1 - Bike path
- 2 - Cycle Bank
- 3 - Reserved channel

Prof: Longitudinal profile describes the gradient of the road at the accident site

- 1 - Dish
- 2 - Slope
- 3 - Hilltop
- 4- Hill bottom

pr: Home PR number (upstream terminal number)

pr1: Distance in meters to the PR (relative to the upstream terminal)

plan: Drawing in plan:

- 1 - Straight part
- 2 - Curved on the left
- 3 - Curved right
- 4 - In "S"

lartpc: Central solid land width (TPC) if there is

larrout: Width of the roadway assigned to vehicle traffic are not included the emergency stop strips, CPRs and parking spaces

surf: surface condition

- 1 - normal
- 2 - wet
- 3 - puddles
- 4 - flooded
- 5 - snow
- 6 - mud
- 7 - icy
- 8 - fat - oil
- 9 - other

infra: Development - Infrastructure:

- 1 - Underground - tunnel
- 2 - Bridge - autopont
- 3 - Exchanger or connection brace

- 4 - Railway
- 5 - Carrefour arranged
- 6 - Pedestrian area
- 7 - Toll zone

situ: Situation of the accident:

- 1 - On the road
- 2 - On emergency stop band
- 3 - On the verge
- 4 - On the sidewalk
- 5 - On bike path

env1: school point: near a school

USERS:

Acc_number: Accident identifier.

Num_Veh: Identification of the vehicle taken back for each user occupying this vehicle (including pedestrians who are attached to the vehicles that hit them)

place: Allows to locate the place occupied in the vehicle by the user at the time of the accident

catu: User category:

- 1 - Driver
- 2 - Passenger
- 3 - Pedestrian
- 4 - Pedestrian in rollerblade or scooter

grav: Severity of the accident: The injured users are classified into three categories of victims plus the uninjured

- 1 - Unscathed
- 2 - Killed
- 3 - Hospitalized wounded
- 4 - Light injury

sex: Sex of the user

- 1 - Male
- 2 - Female

Year_on: Year of birth of the user

trip: Reason for traveling at the time of the accident:

- 1 - Home - work
- 2 - Home - school
- 3 - Shopping - Shopping
- 4 - Professional use
- 5 - Promenade - leisure
- 9 - Other

secu: on 2 characters: the first concerns the existence of a safety equipment

- 1 - Belt
- 2 - Helmet
- 3 - Children's device
- 4 - Reflective equipment
- 9 - Other

the second is the use of Safety Equipment

- 1 - Yes
- 2 - No
- 3 - Not determinable

locp: Location of the pedestrian:

On pavement:

- 1 - A + 50 m from the pedestrian crossing
- 2 - A - 50 m from the pedestrian crossing

On pedestrian crossing:

- 3 - Without light signaling
- 4 - With light signaling

Various:

- 5 - On the sidewalk
- 6 - On the verge
- 7 - On refuge or BAU
- 8 - On against aisle

actp: Action of the pedestrian:

Moving

- 0 - not specified or not applicable
- 1 - Meaning bumping vehicle
- 2 - Opposite direction of the vehicle Various
- 3 - Crossing
- 4 - Masked
- 5 - Playing - running
- 6 - With animal
- 9 - Other

etatp: This variable is used to specify whether the injured pedestrian was alone or not

- 1 - Only
- 2 - Accompanied
- 3 - In a group

VEHICLES:

Num_Acc Accident ID

Num_Veh Identification of the vehicle taken back for each user occupying this vehicle (including pedestrians who are attached to vehicles that hit them) - alphanumeric code

GP Flow direction :

- 1 - PK or PR or increasing postal address number
- 2 - PK or PR or descending postal address number

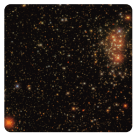
CATV Category of vehicle:

- 01 - Bicycle
- 02 - Moped <50cm3
- 03 - Cart (Quadricycle with bodied motor) (formerly "cart or motor tricycle")
- 04 - Not used since 2006 (registered scooter)

- 05 - Not used since 2006 (motorcycle)
- 06 - Not used since 2006 (side-car)
- 07 - VL only
- 08 - Not used category (VL + caravan)
- 09 - Not used category (VL + trailer)
- 10 - VU only 1,5T <= GVW <= 3,5T with or without trailer (formerly VU only 1,5T <= GVW <= 3,5T)
- 11 - Most used since 2006 (VU (10) + caravan)
- 12 - Most used since 2006 (VU (10) + trailer)
- 13 - PL only 3,5T

Similar Datasets

Multidimensional Poverty Measures



Sloan Digital Sky Survey RD14

Bike Sharing In Washington D.C. Dataset

Chicago 311 Service Requests

PASSNYC: Data Science For Good Challenge

5,354 views · 739 downloads · 5 kernels · 3 topics