digitaley drive

DATA ANALYST BOOTCAMP

Learn, Evolve, Innovate, and become a global talent in demand

CAPSTONE PROJECT COHORT 9.0

About Project

Nyc Collisions

Motor vehicle collisions reported by the New York City Police Department from January-August 2020. Each record represents an individual collision, including the date, time and location of the accident (borough, zip code, street name, latitude/longitude), vehicles and victims involved, and contributing factors.

To analyze the dataset and provide answers to the questions listed below:

Question 1.
Compare the % of total accidents by month. Do you notice any seasonal patterns?

Question 2.
Break down accident frequency by day of week and hour of day. Based on this data, when do accidents occur most frequently?

Question 3.
On which particular street were the most accidents reported? What does that represent as a % of all reported accidents?

Question 4.
What was the most common contributing factor for the accidents reported in this sample (based on Vehicle 1)? What about fatal accidents specifically?

NB: Generate your own insights to add to this.

NB: After completing your analysis, you are to make a documentation on Github and paste the link to

- ***Your Github documentation on Linkedin***
- ***Also, a picture of your dashboard on Linkedin (ensure to tag DigitaleyDive on LinkedIn)***
- ***Then go ahead to submit using the link below***

Submission link:
https://docs.google.com/forms/d/e/1FAIpQLScq4SnpjLrMLjSs09DiGkVDJGzlniYaiwP7lfneoVfeY16JaA/viewform

Find the the link to the shark attack dataset in below:
https://docs.google.com/spreadsheets/d/1huf7nbHNZdzr4N6QUvURxeWU-G27KSYU3Kl3v_heXgw/edit#gid=1166525029

DEADLINE FOR SUBMISSION: 5th January, 2026

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