

**Pig Latin Questions**

**Group name: Champions**

1. Find the number of accidents in each state where the accident side is “R”, and the Amenity is labeled as “FALSE”. Group By the Weather\_Condition.
2. How many accidents occurred during the sunset when the humidity percentage was between 85 and 100.
3. What is the average wind speed for accidents in each county when the wind is blowing from the west and the temperature is 25 degrees or lower.
4. Find the minimum and maximum temperatures when accidents occurred in the following states: TX, GA, AL, and FL. Group by the state.
5. How many accidents with a distance more than 3 miles and with the highest severity of
6. How many accidents happened that had a distance of or more than 0.5 miles and with a severity of 2 or more? Split the results for each accident side and save each of them in a separate dataset.
7. What is the average distance for accidents for each side?
8. Show accidents that occurred with their severity, month and year that have the weather condition as 'Sand' Sand / Dust Whirlwinds , Sand / Windy in ascending order
9. Find the total number of accidents by month of 2019, 2020, 2021. For the highest populated US states,which are California CA, Texas TX, Florida FL, New York NY, and Pennsylvania PA.Then compare the results with the rate of accidents in the highest populated KSA regions.
10. The highest temperature recorded in KSA was between 45(113) C(F) - 53(127) C(F) degrees. Count the number of accidents when the temperature is in the range between 100 to 127 degrees Fahrenheit, and when the traffic calm is ‘FALSE’.Then, conclude if there is a relation between the temperature and Increased probability of accidents.
11. The sand cover in the Kingdom of Saudi Arabia constitutes 34% of the total area of the Kingdom, which increases the activity and speed of sandstorms. Wind speed varies during sandstorms in Saudi Arabia, and increases to range between 54-63 km/h and low humidity(%). For each severity level, find how many accidents happened when the wind speed(mph) is 20 or above and humidity is less than 30%.
12. Find the total number of accidents in these cities Cleveland, Westerville, Fairdale, Youngstown and Lake Forest when the weather is Fog , Fog / Windy and the Visibility is less or equal to 0.5 mi group by year.
13. Find the total number of accident where the weather condition is cloudy and the state : TX, PX, and FL sort the result by year
14. What is Maximum and Minimum visibility value for accidents that occurred at ‘night’ group the result by year
15. What is Maximum and Minimum visibility value for accidents that occurred at ‘day’ .Group the result by year
16. What is the Average wind speed where the severity is 2 and Junction is True. Group by month
17. What is the Average precipitation for the occurred accidents grouped by month
18. How many accidents occurred where there was a roundabout
19. Number of accidents where Stop sign is True
20. Find the total number of accident where the state is Texas or Florida or Alabama and the visibility is 6 sort the result by the weather condition