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# Assignment Questions

1. How can you filter cars with horsepower greater than 200 and a price higher than 25?

2. Filter cars with MPG in city greater than or equal to 25 and MPG on highway less than 20.

3. How can you extract cars that have AirBags for Driver only or Driver & Passenger?

4. Filter cars that are either Domestic or Imported and have a Turn circle less than 35.

5. How can you extract cars with NaN values in the Rear.seat.room or Rev.per.mile columns?

6. Filter cars with Horsepower greater than 150 and MPG on highway greater than 30.

7. How can you extract cars that are Sporty or Compact type and have AirBags for Driver only?

8. Filter cars with 4 or 6 Cylinders and Man.trans.avail as Yes.

9. How can you extract cars with Weight between 3000 and 3500 lbs or Price greater than 30?

10. Filter cars with Rear seat room less than 27 inches and EngineType as dohc.

11. How can you extract cars with Fuel tank capacity less than or equal to 15 gallons and Turn circle greater than 35?

12. Filter cars with Horsepower less than 100 or Length greater than 190 inches.

13. How can you extract cars with MPG city greater than MPG highway and Fuel efficiency (average MPG) greater than 25?

14. Filter cars with Weight less than 2500 lbs or Fuel tank capacity greater than 18 gallons.

15. How can you extract cars with Length between 180 and 200 inches and Width greater than 68 inches?

16. Filter cars with Man trans avail as Yes and DriveTrain as Front.

17. How can you extract cars with Rear seat room less than 25 inches or Rev per mile greater than 260?

18. Filter cars with Horsepower greater than 200 and Fuel tank capacity less than or equal to 16 gallons.

19. How can you extract cars with MPG in city greater than 20 and MPG highway greater than 25?

20. Filter cars with Fuel efficiency (average of MPG city and MPG on highway) greater than 30 and Man.trans.avail as Yes.