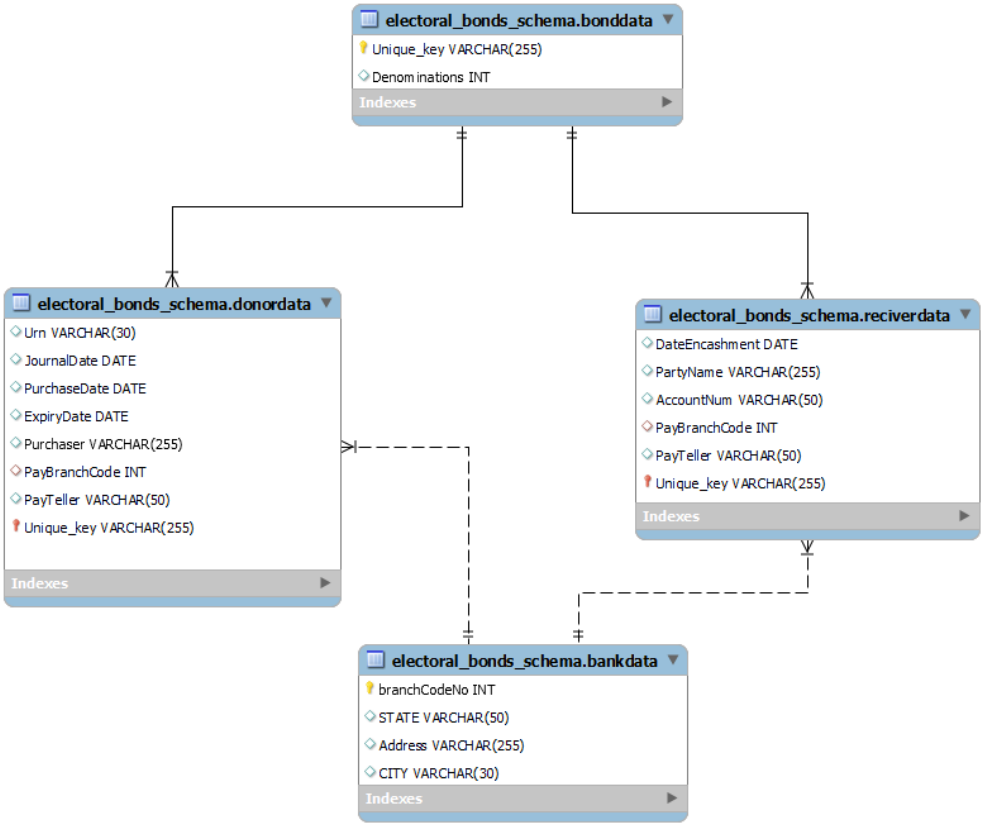
Questions You can Answer on Electoral Bond Database

Here is the schema diagram:



Here are some questions I have created which you can try answering with SQL Queries on that database:

1. Find out how much donors spent on bonds
2. Find out total fund politicians got
3. Find out the total amount of unaccounted money received by parties
4. Find year wise how much money is spent on bonds
5. In which month most amount is spent on bonds
6. Find out which company bought the highest number of bonds.
7. Find out which company spent the most on electoral bonds.
8. List companies which paid the least to political parties.
9. Which political party received the highest cash?
10. Which political party received the highest number of electoral bonds?
11. Which political party received the least cash?
12. Which political party received the least number of electoral bonds?
13. Find the 2nd highest donor in terms of the amount he paid?
14. Find the party which received the second highest donations?
15. Find the party which received the second highest number of bonds?
16. In which city were the most number of bonds purchased?
17. In which city was the highest amount spent on electoral bonds?
18. In which city were the least number of bonds purchased?
19. In which city were the most number of bonds encashed?
20. In which city were the least number of bonds encashed?

21. List the branches where no electoral bonds were bought; if none, mention it as null.
22. Break down how much money is spent on electoral bonds for each year.
23. Break down how much money is spent on electoral bonds for each year and provide the year and the amount. Provide values for the highest and least year and amount.
24. Find out how many donors bought the bonds but did not donate to any political party?
25. Find out the money that could have gone to the PM Office, assuming the above question assumption (Domain Knowledge)
26. Find out how many bonds don't have donors associated with them.
27. PayTeller is the employee ID who either created the bond or redeemed it. So find the employee ID who issued the highest number of bonds.
28. Find the employee ID who issued the least number of bonds.
29. Find the employee ID who assisted in redeeming or encashing bonds the most.
30. Find the employee ID who assisted in redeeming or encashing bonds the least.