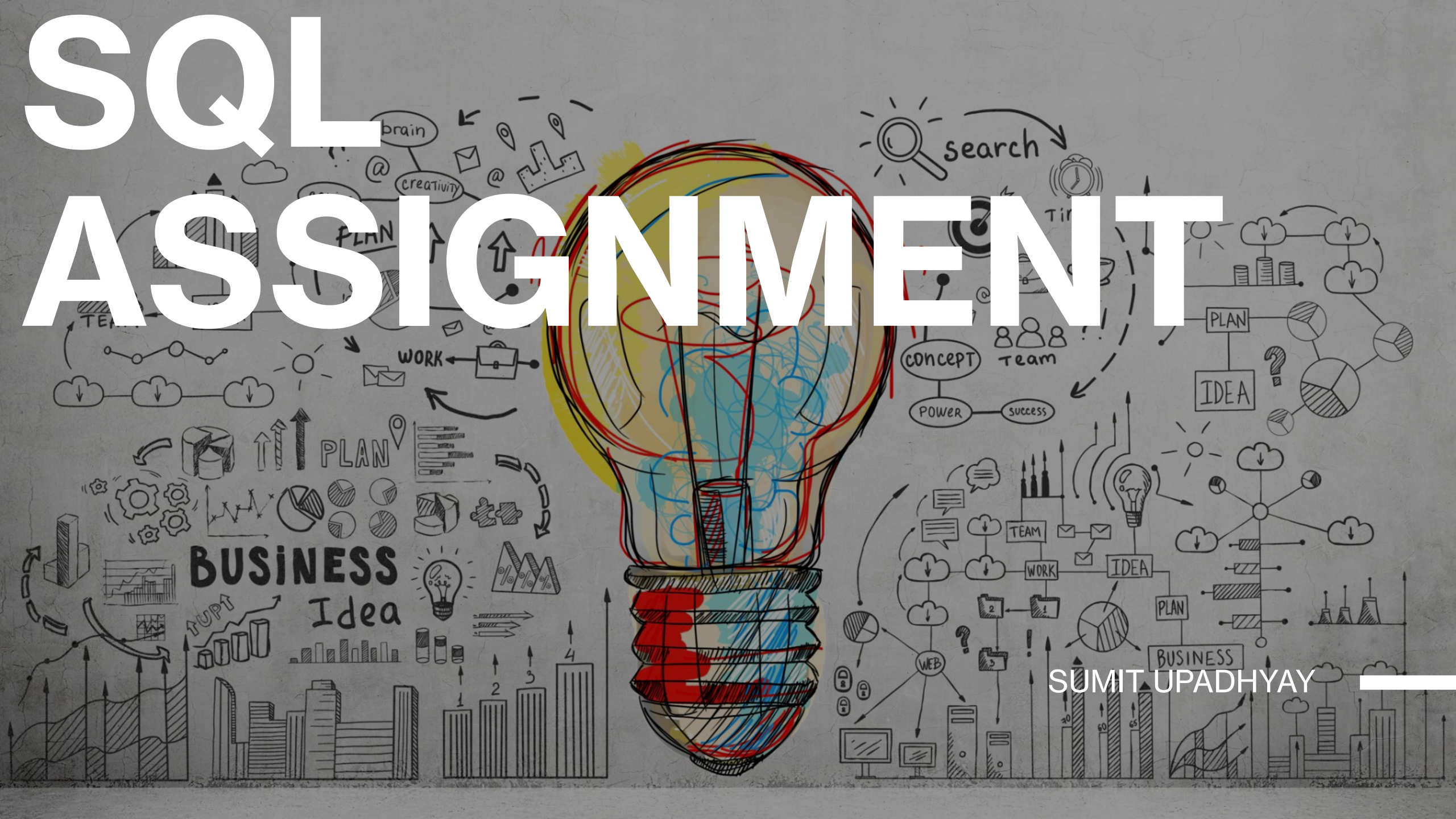
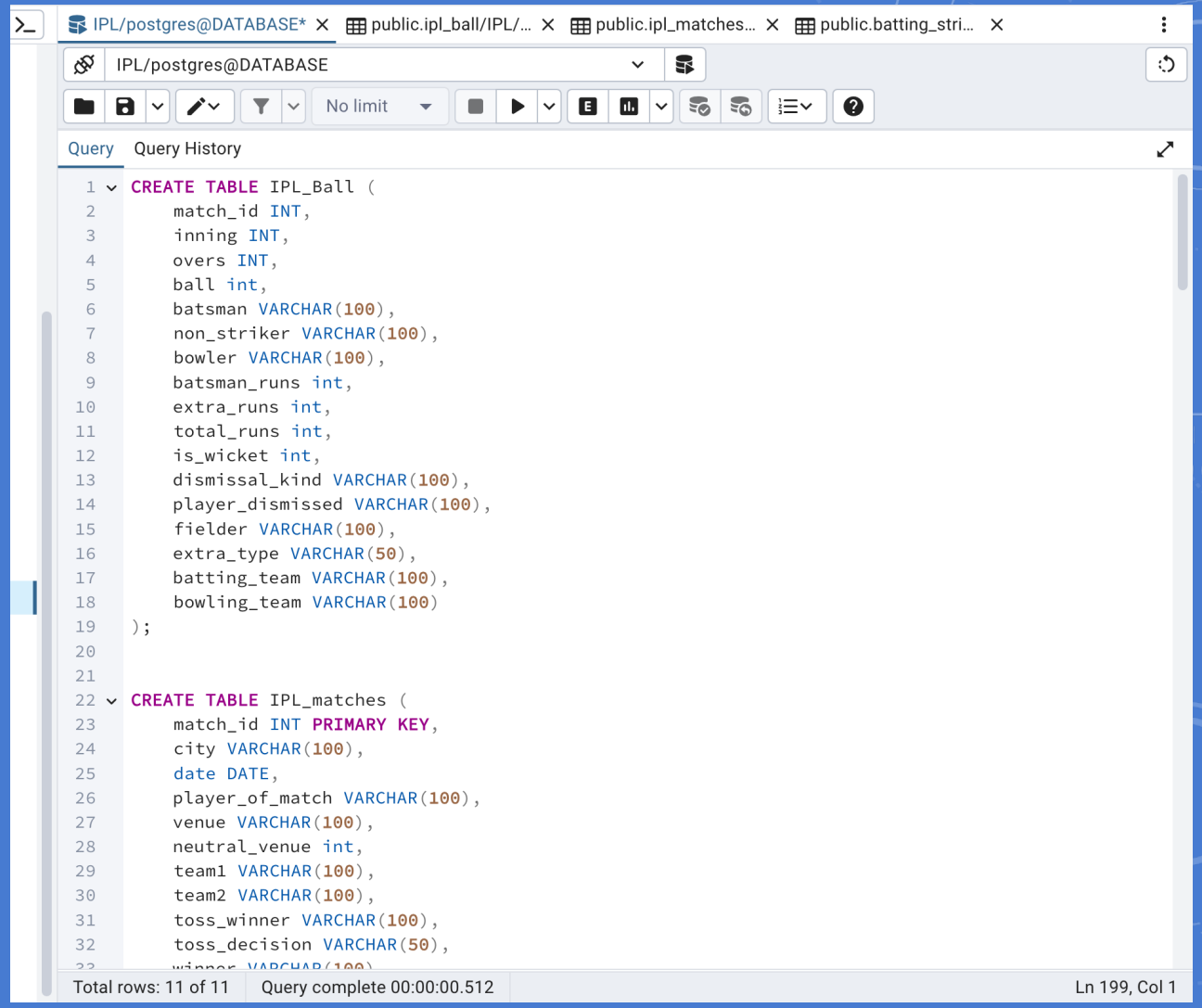
SQL ASSIGNMENT



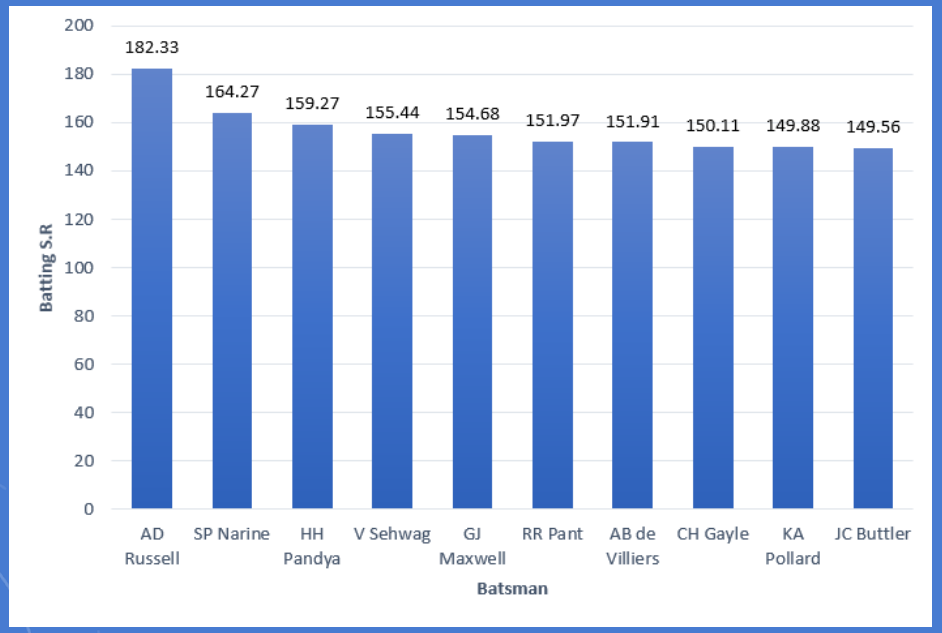
SUMIT UPADHYAY

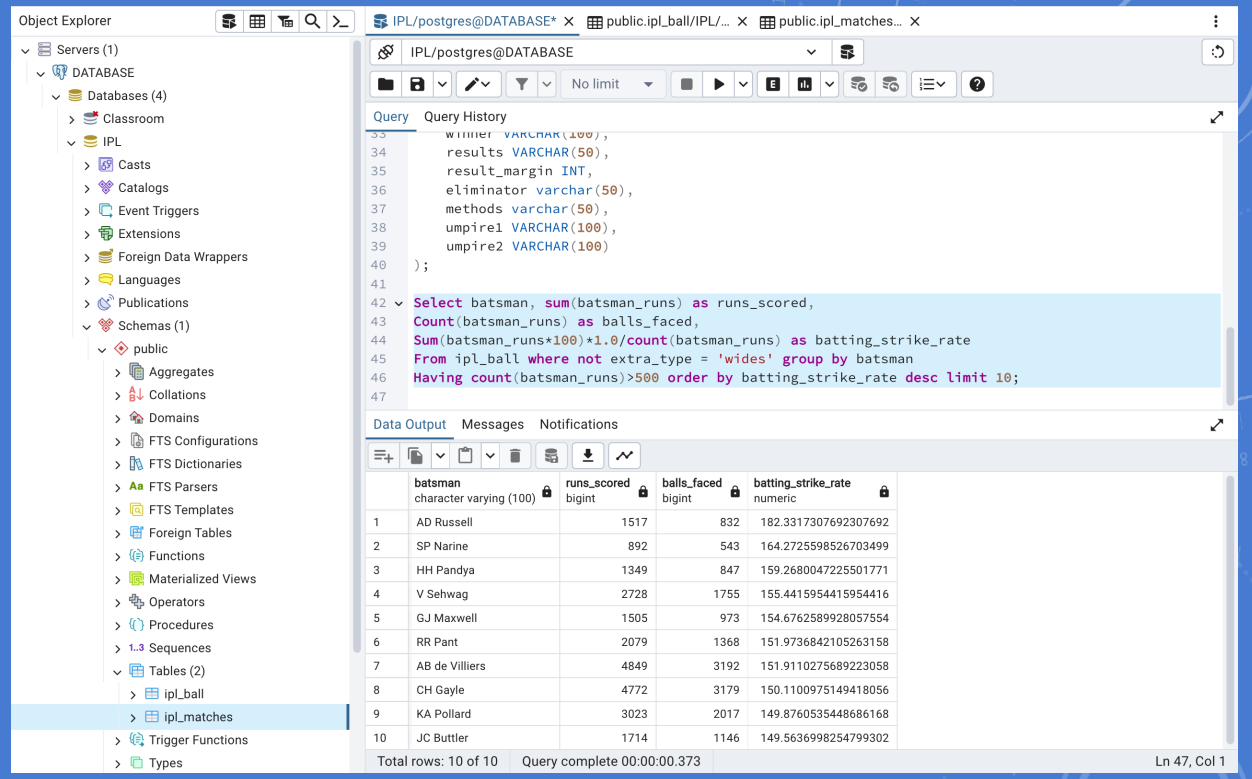
1ST I HAVE CREATED THE DB AND INSERTED THE CSV DATA IN IT



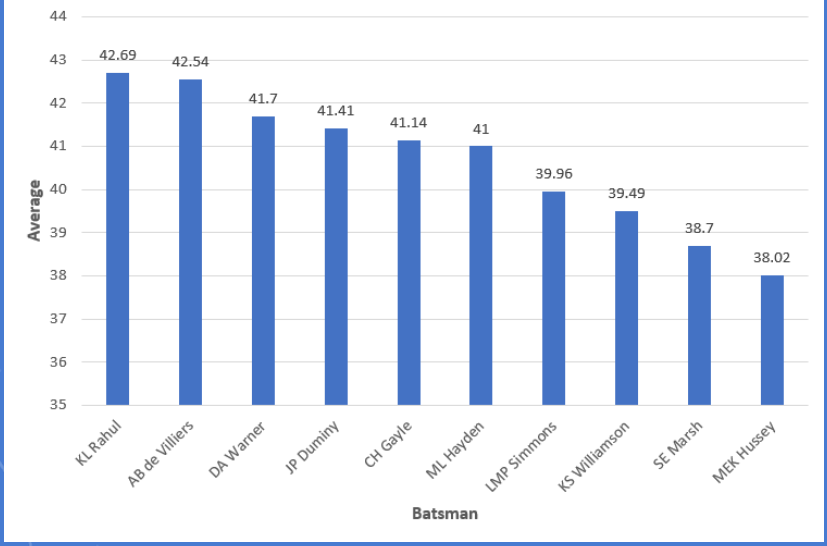
YOUR PRIORITY IS TO GET 2-3 PLAYERS WITH HIGH S.R WHO HAVE FACED AT LEAST 500 BALLS. AND TO DO THAT YOU HAVE TO MAKE A LIST OF 10 PLAYERS YOU WANT TO BID IN THE AUCTION SO THAT WHEN YOU TRY TO GRAB THEM IN AUCTION YOU SHOULD NOT PAY THE AMOUNT GREATER THAN YOU HAVE IN THE PURSE FOR A PARTICULAR PLAYER.

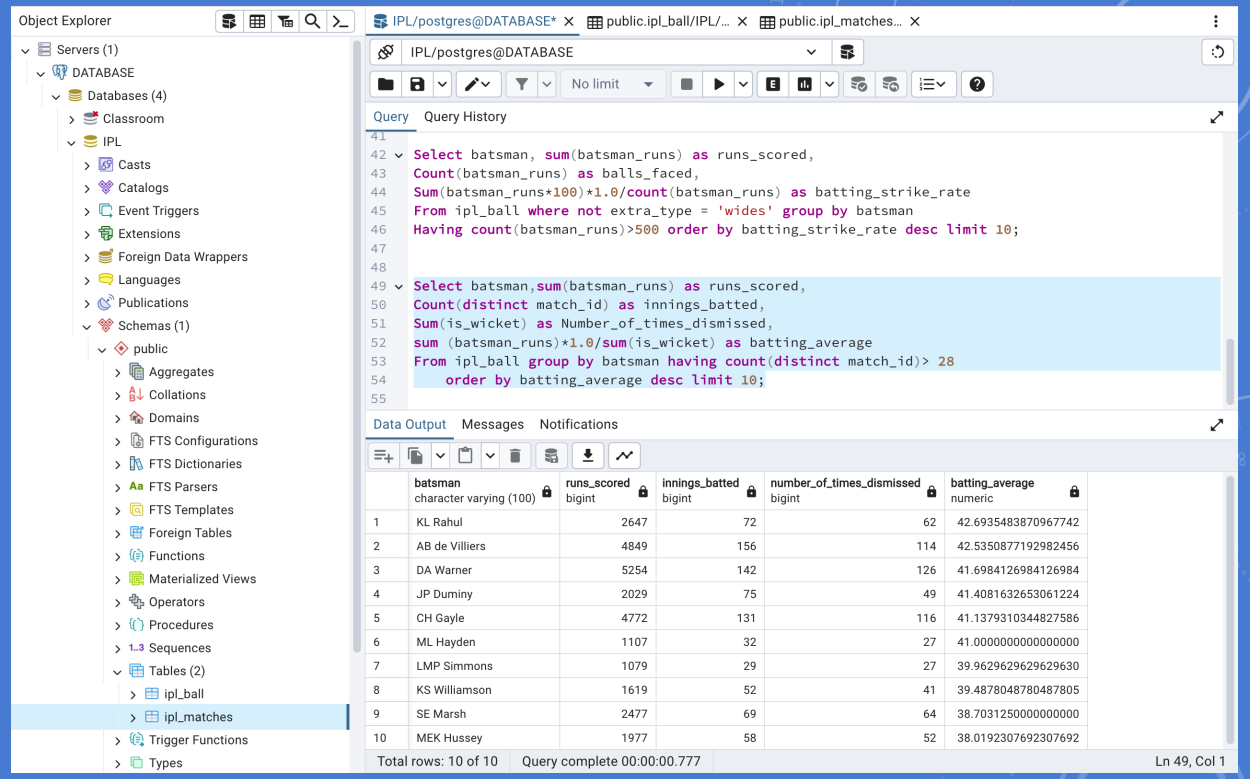
(STRIKE RATE IS TOTAL RUNS SCORED BY BATSMAN DIVIDED BY NUMBER OF BALLS FACED BUT REMEMBER WHEN EXTRAS TYPE IS 'WIDES' IT IS NOT COUNTED AS A BALL FACED NEITHER COUNTED AS BATSMEN RUNS)





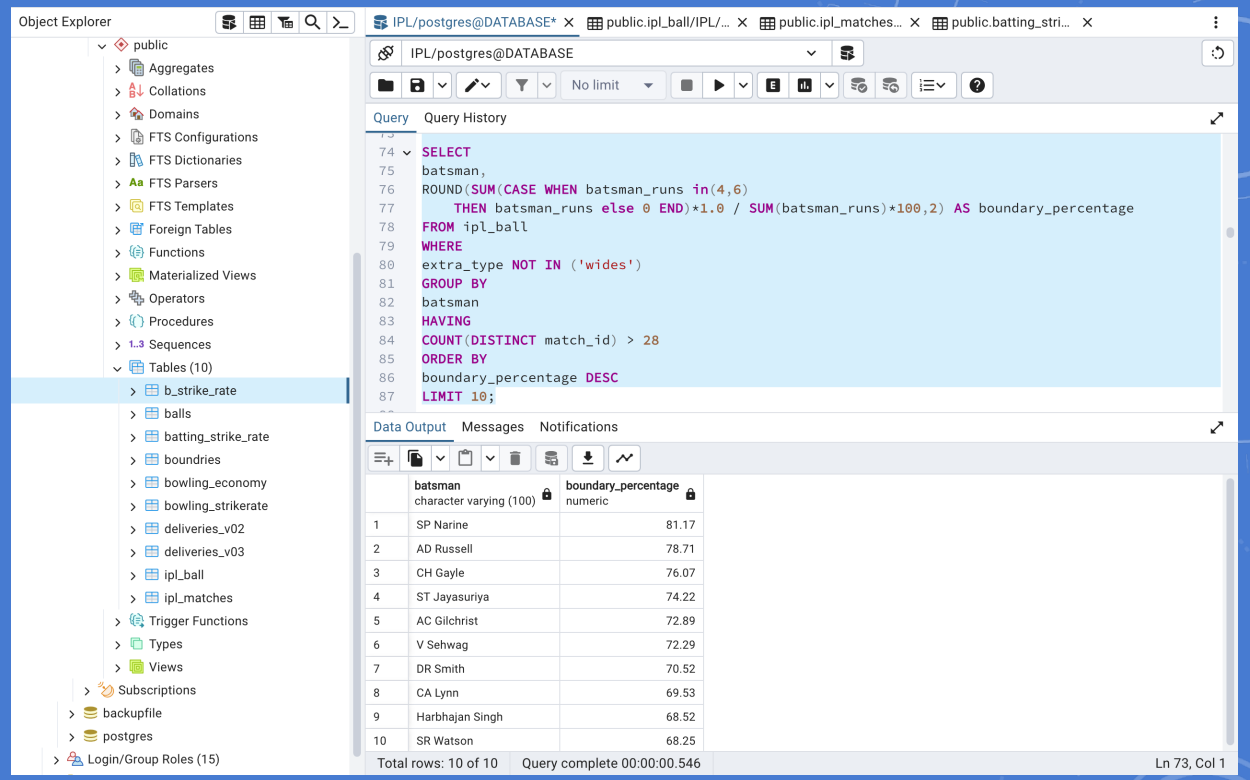
NOW YOU NEED TO GET 2-3 PLAYERS WITH GOOD AVERAGE WHO HAVE PLAYED MORE THAN 2 IPL SEASONS. AND TO DO THAT YOU HAVE TO MAKE A LIST OF 10 PLAYERS YOU WANT TO BID IN THE AUCTION SO THAT WHEN YOU TRY TO GRAB THEM IN AUCTION YOU SHOULD NOT PAY THE AMOUNT GREATER THAN YOU HAVE IN THE PURSE FOR A PARTICULAR PLAYER.



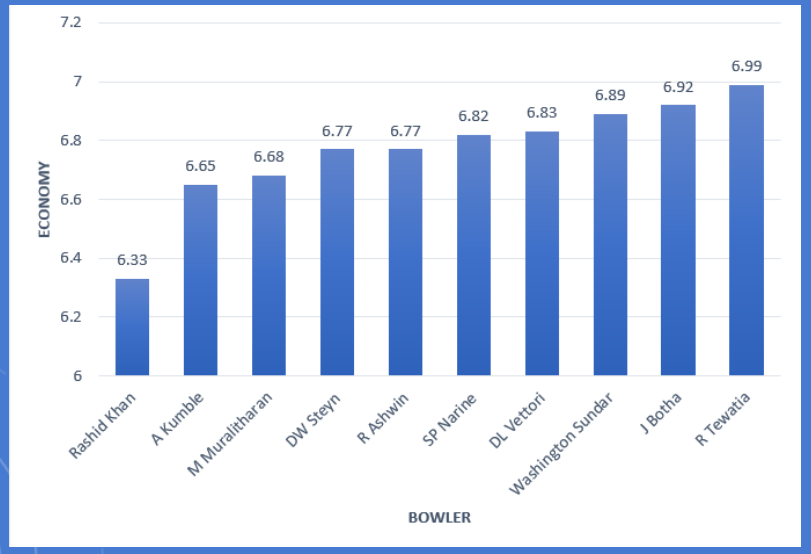


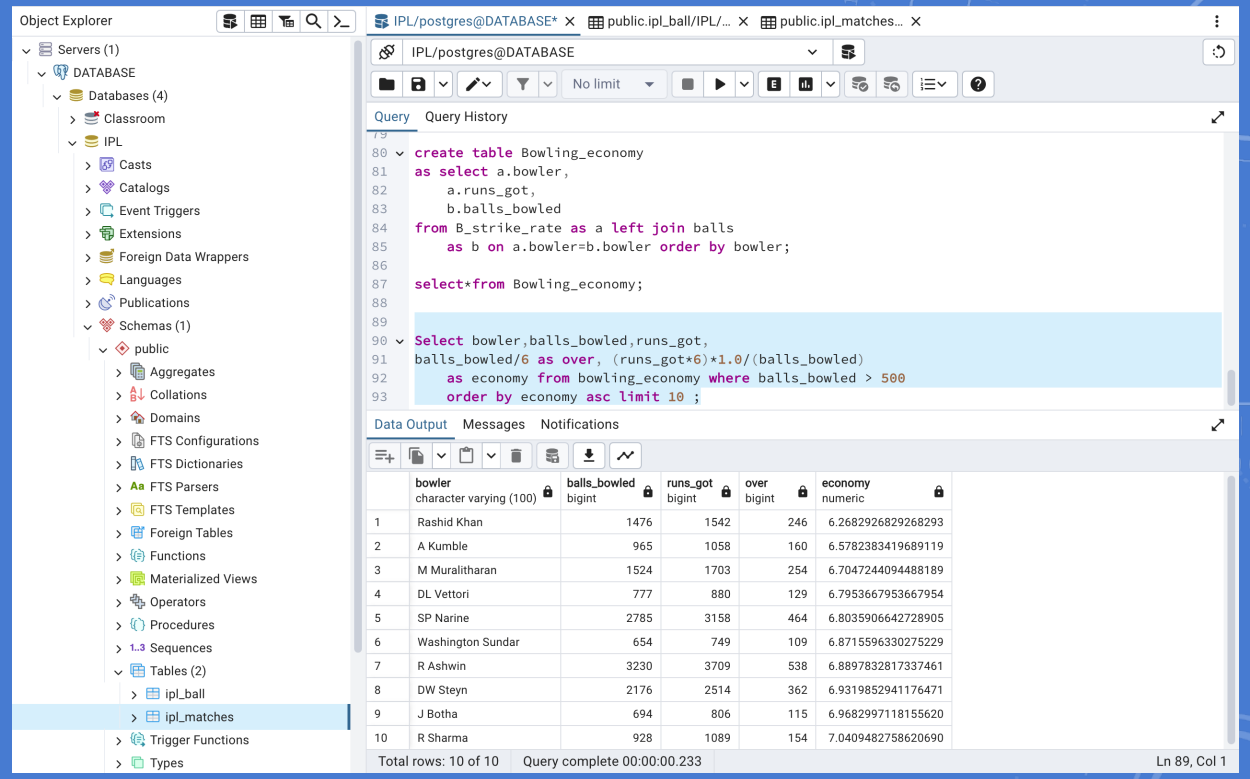
NOW YOU NEED TO GET 2-3 HARD-HITTING PLAYERS WHO HAVE SCORED MOST RUNS IN BOUNDARIES AND HAVE PLAYED MORE THE 2 IPL SEASON. TO DO THAT YOU HAVE TO MAKE A LIST OF 10 PLAYERS YOU WANT TO BID IN THE AUCTION SO THAT WHEN YOU TRY TO GRAB THEM IN AUCTION YOU SHOULD NOT PAY THE AMOUNT GREATER THAN YOU HAVE IN THE PURSE FOR A PARTICULAR PLAYER.

	BATSMAN	BOUNDARY_PERCENTAGE
2	SP Narine	81.17
3	AD Russell	78.71
4	CH Gayle	76.07
5	ST Jayasuriya	74.22
6	AC Gilchrist	72.89
7	V Sehwag	72.29
8	DR Smith	70.52
9	CA Lynn	69.53
10	Harbhajan Singh	68.52
11	SR Watson	68.25

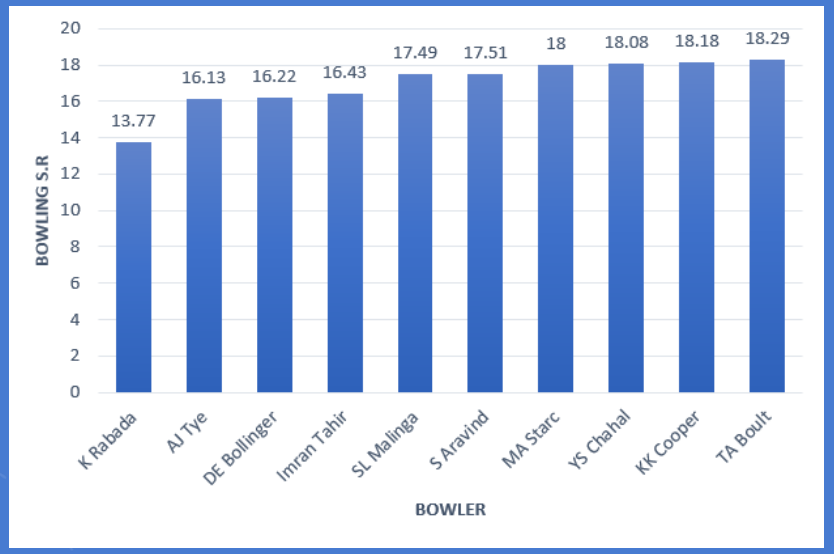


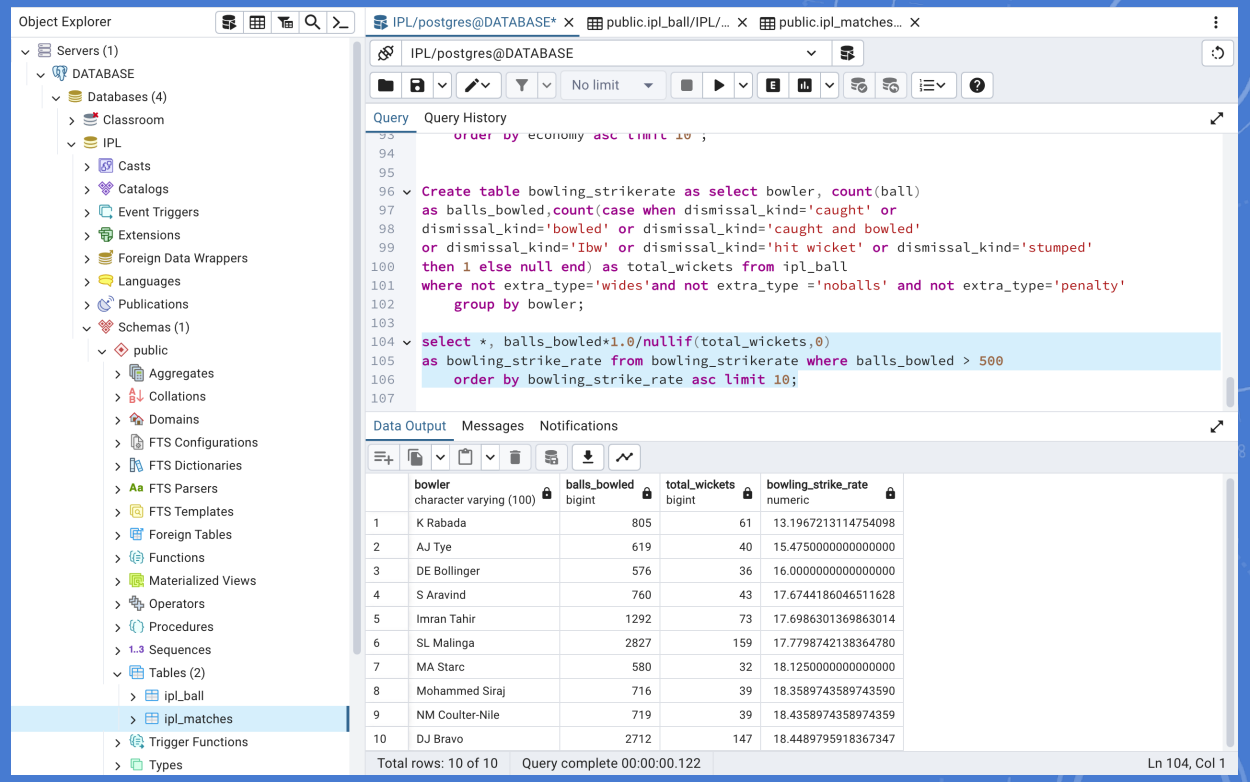
YOUR PRIORITY IS TO GET 2-3 BOWLERS WITH GOOD ECONOMY WHO HAVE BOWLED AT LEAST 500 BALLS IN IPL SO FAR. TO DO THAT YOU HAVE TO MAKE A LIST OF 10 PLAYERS YOU WANT TO BID IN THE AUCTION SO THAT WHEN YOU TRY TO GRAB THEM IN AUCTION YOU SHOULD NOT PAY THE AMOUNT GREATER THAN YOU HAVE IN THE PURSE FOR A PARTICULAR PLAYER.



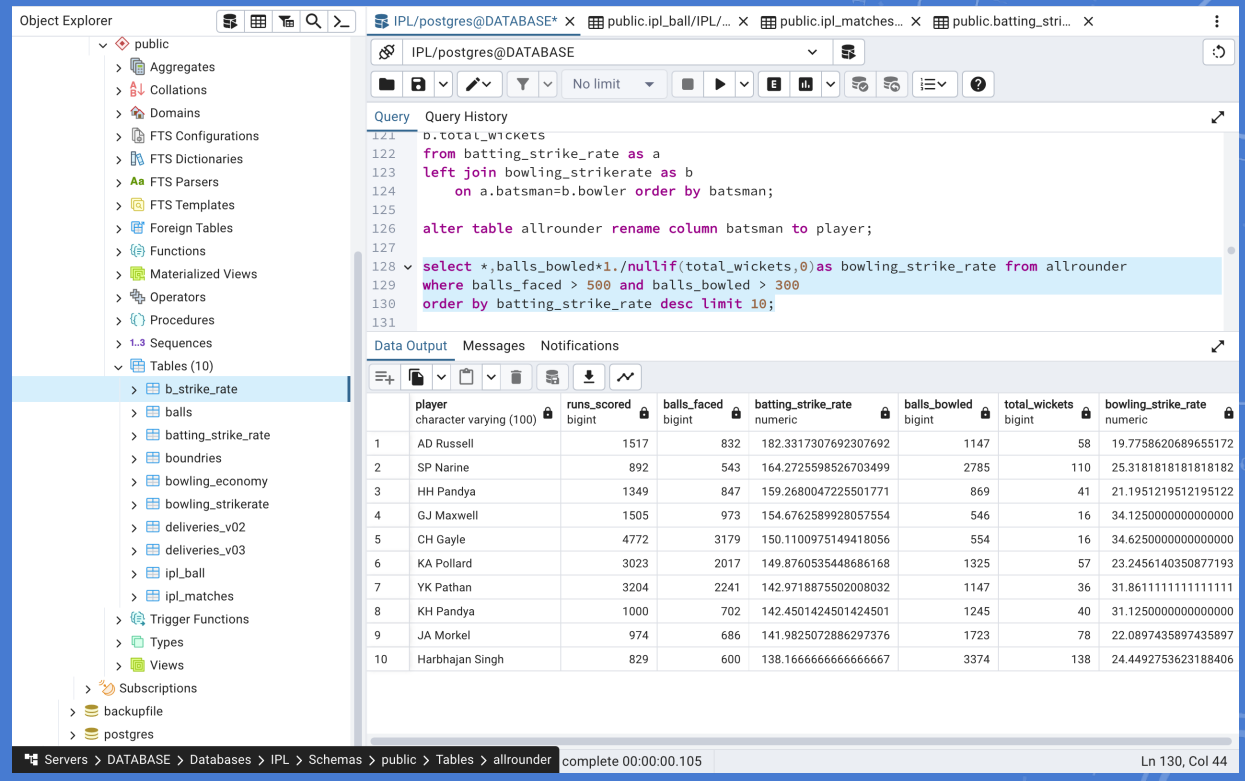


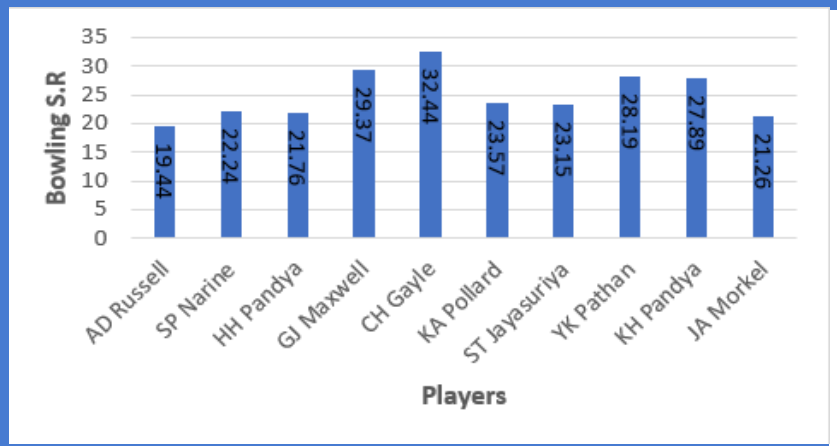
NOW YOU NEED TO GET 2-3 BOWLERS WITH THE BEST STRIKE RATE AND WHO HAVE BOWLED AT LEAST 500 BALLS IN IPL SO FAR.TO DO THAT YOU HAVE TO MAKE A LIST OF 10 PLAYERS YOU WANT TO BID IN THE AUCTION SO THAT WHEN YOU TRY TO GRAB THEM IN AUCTION YOU SHOULD NOT PAY THE AMOUNT GREATER THAN YOU HAVE IN THE PURSE FOR A PARTICULAR PLAYER.

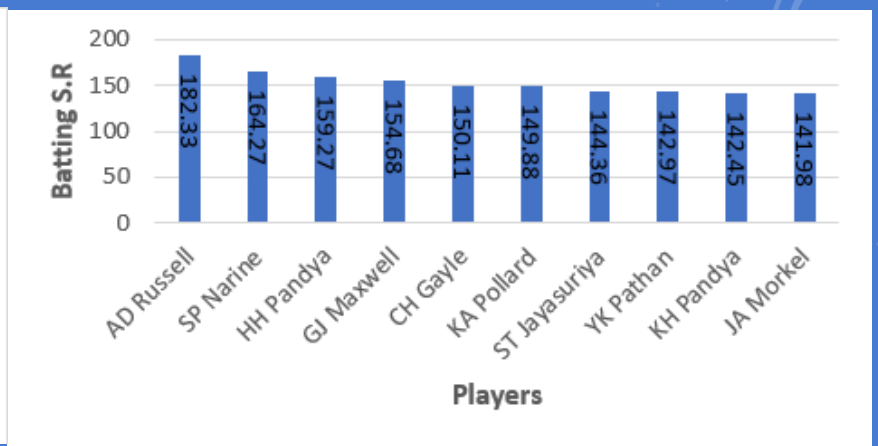




NOW YOU NEED TO GET 2-3 ALL_ROUNDERS WITH THE BEST BATTING AS WELL AS BOWLING STRIKE RATE AND WHO HAVE FACED AT LEAST 500 BALLS IN IPL SO FAR AND HAVE BOWLED MINIMUM 300 BALLS.TO DO THAT YOU HAVE TO MAKE A LIST OF 10 PLAYERS YOU WANT TO BID IN THE AUCTION SO THAT WHEN YOU TRY TO GRAB THEM IN AUCTION YOU SHOULD NOT PAY THE AMOUNT GREATER THAN YOU HAVE IN THE PURSE FOR A PARTICULAR PLAYER.

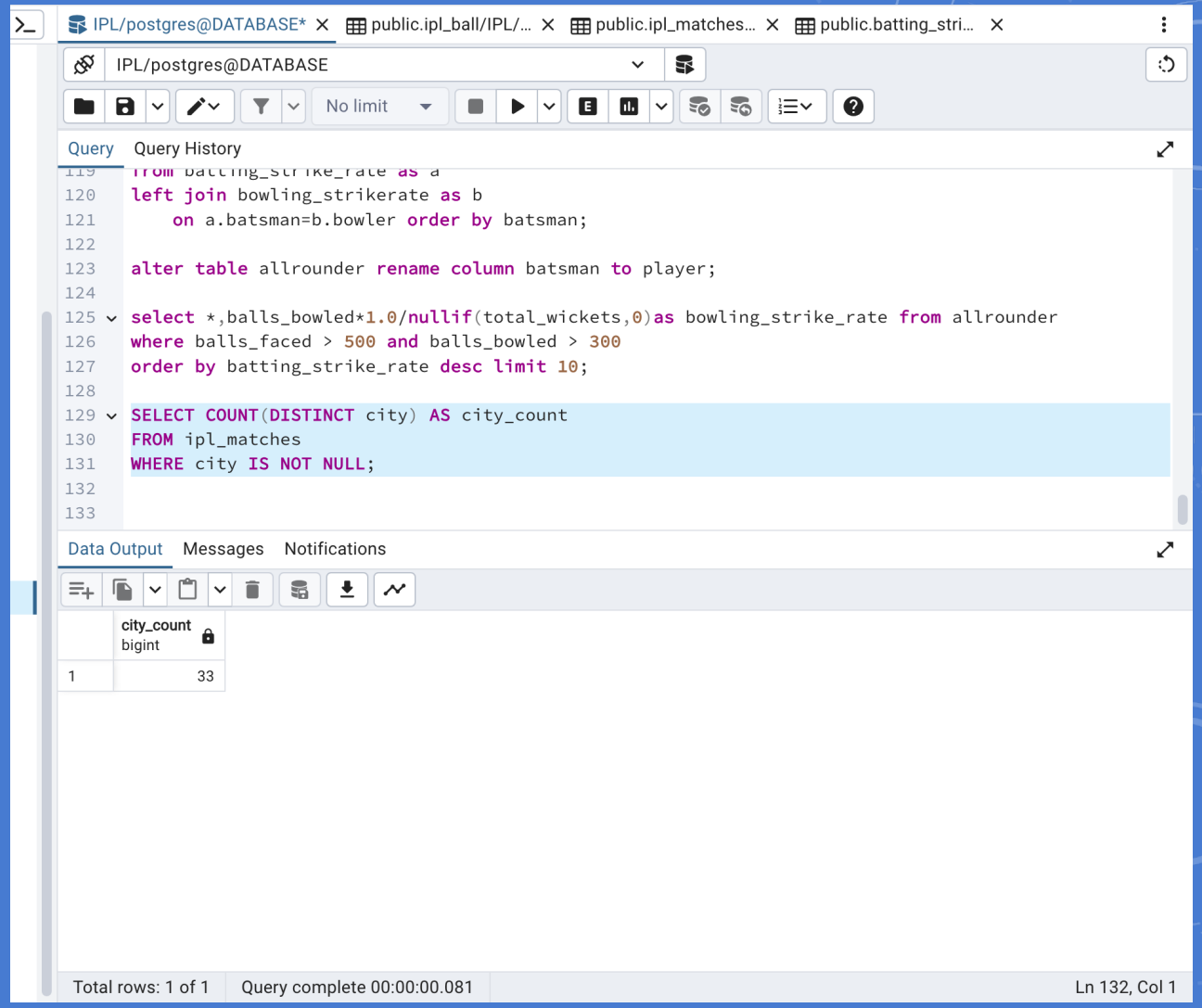




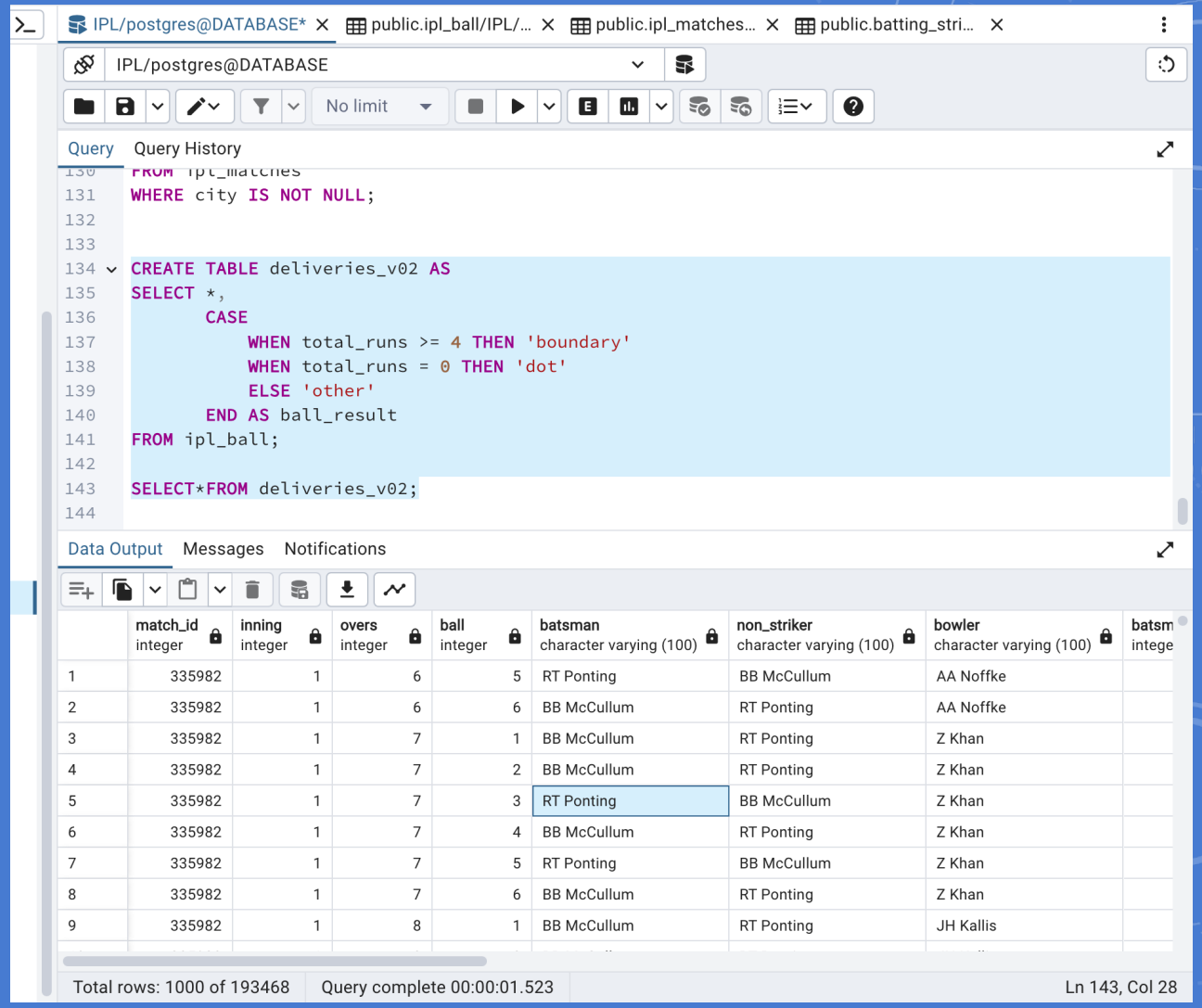


ADDITIONAL QUESTIONS

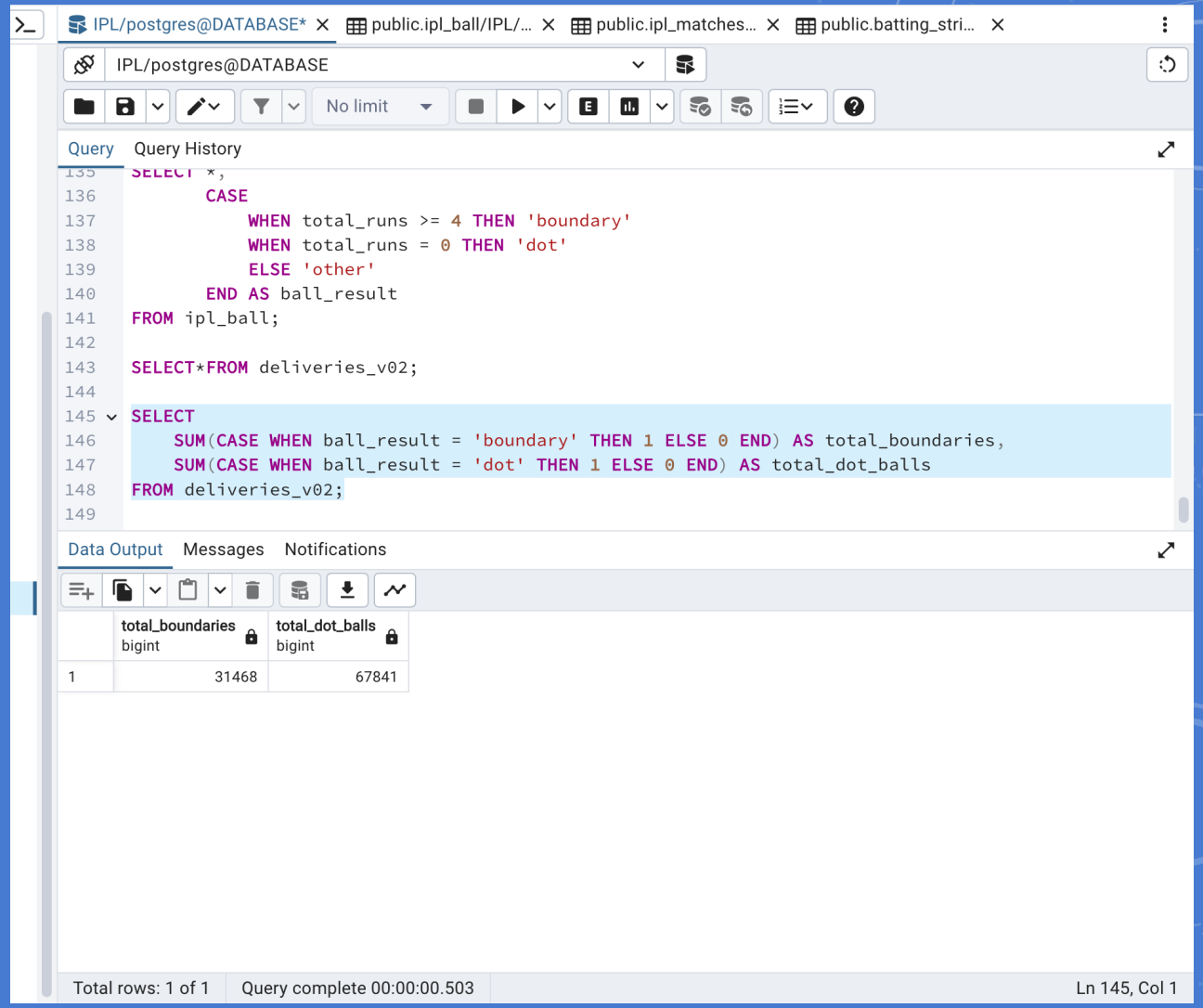
GET THE COUNT OF CITIES THAT HAVE HOSTED AN IPL MATCH



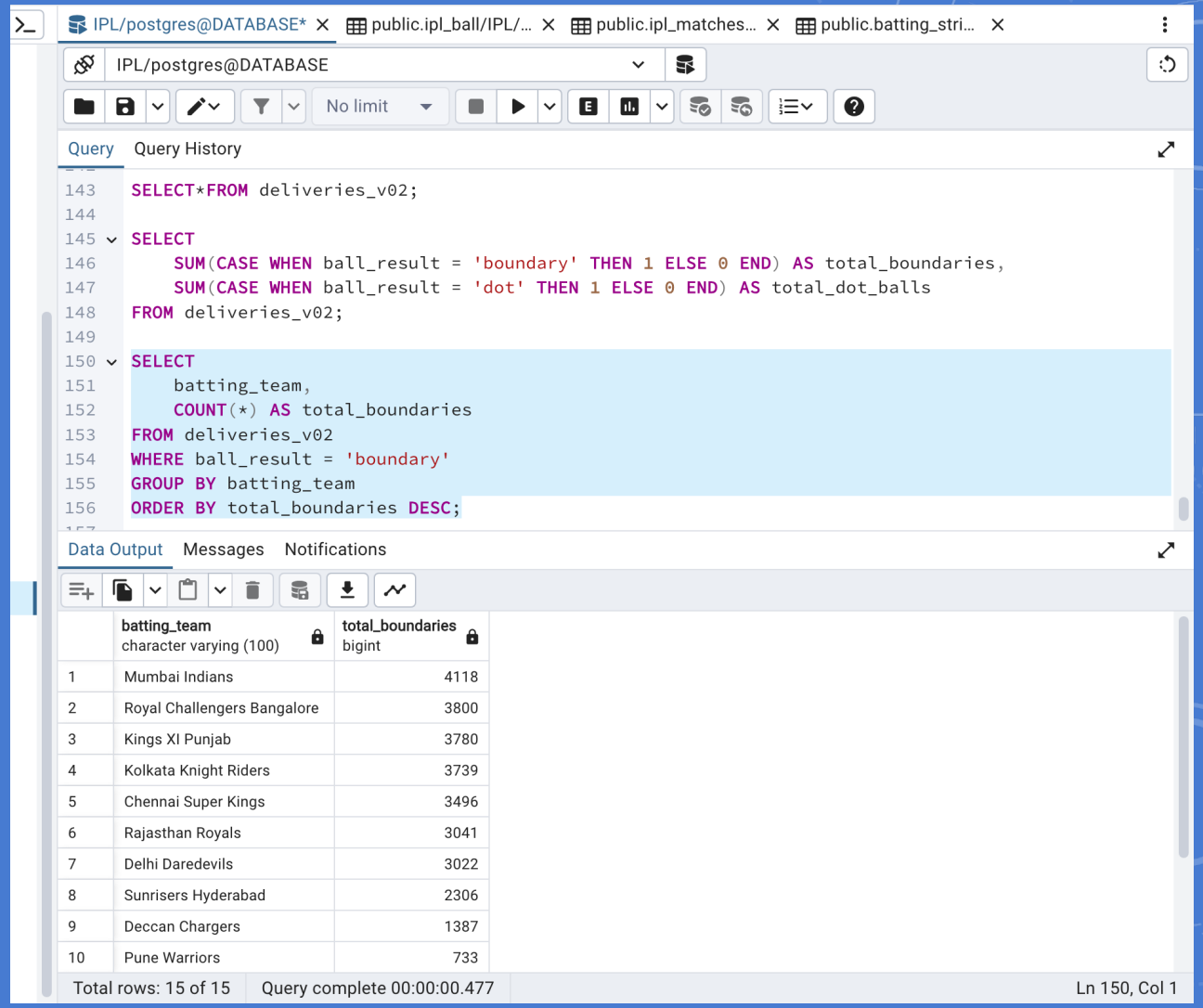
CREATE TABLE *DELIVERIES_V02* WITH ALL THE COLUMNS OF THE TABLE '*DELIVERIES*' AND AN ADDITIONAL
COLUMN *BALL_RESULT* CONTAINING VALUES *BOUNDARY*, *DOT* OR *OTHER* DEPENDING ON THE *TOTAL_RUN* (BOUNDARY FOR >= 4, DOT FOR 0 AND OTHER FOR ANY OTHER NUMBER)



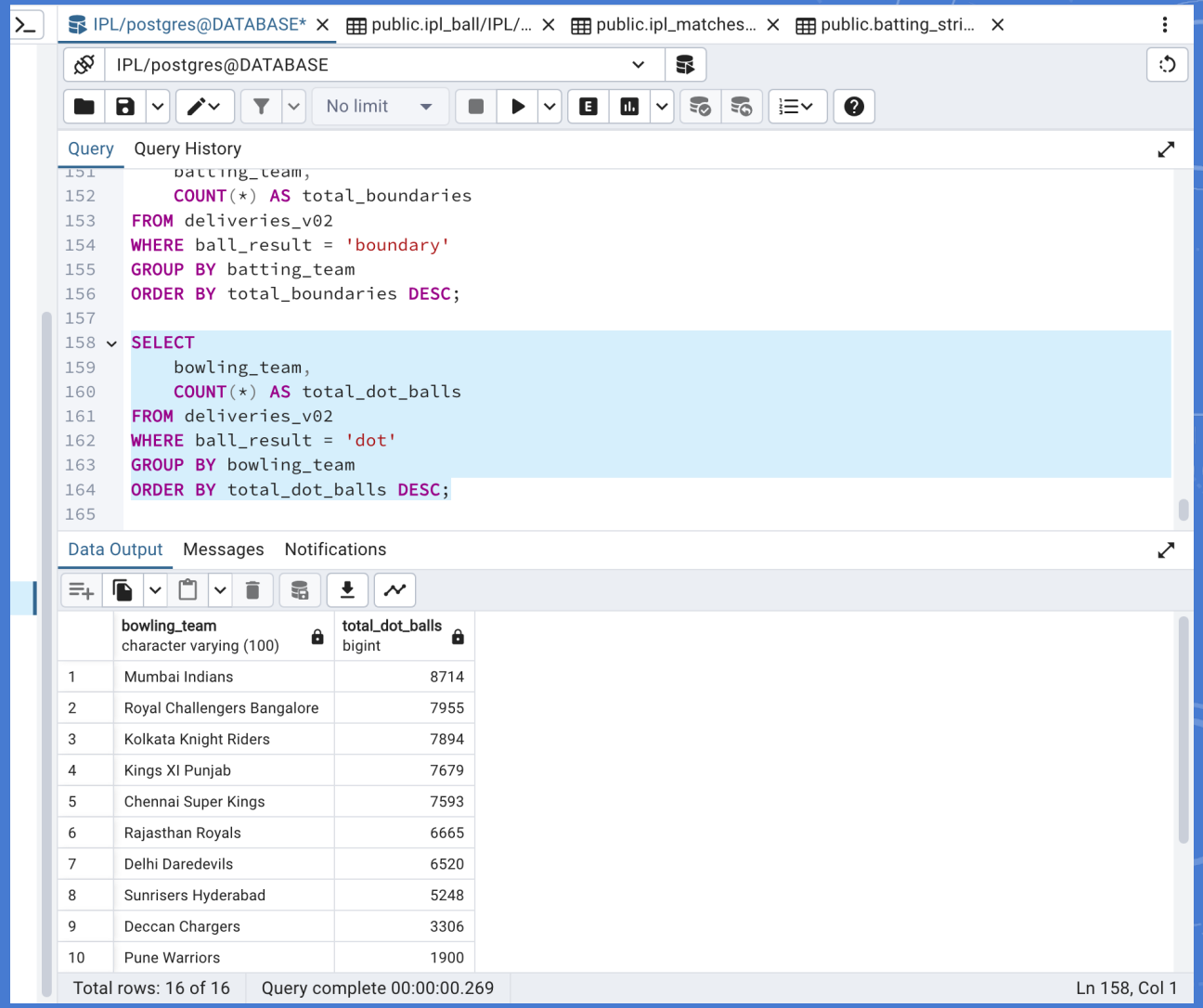
WRITE A QUERY TO FETCH THE TOTAL NUMBER OF BOUNDARIES AND DOT BALLS FROM THE *DELIVERIES_V02* TABLE.



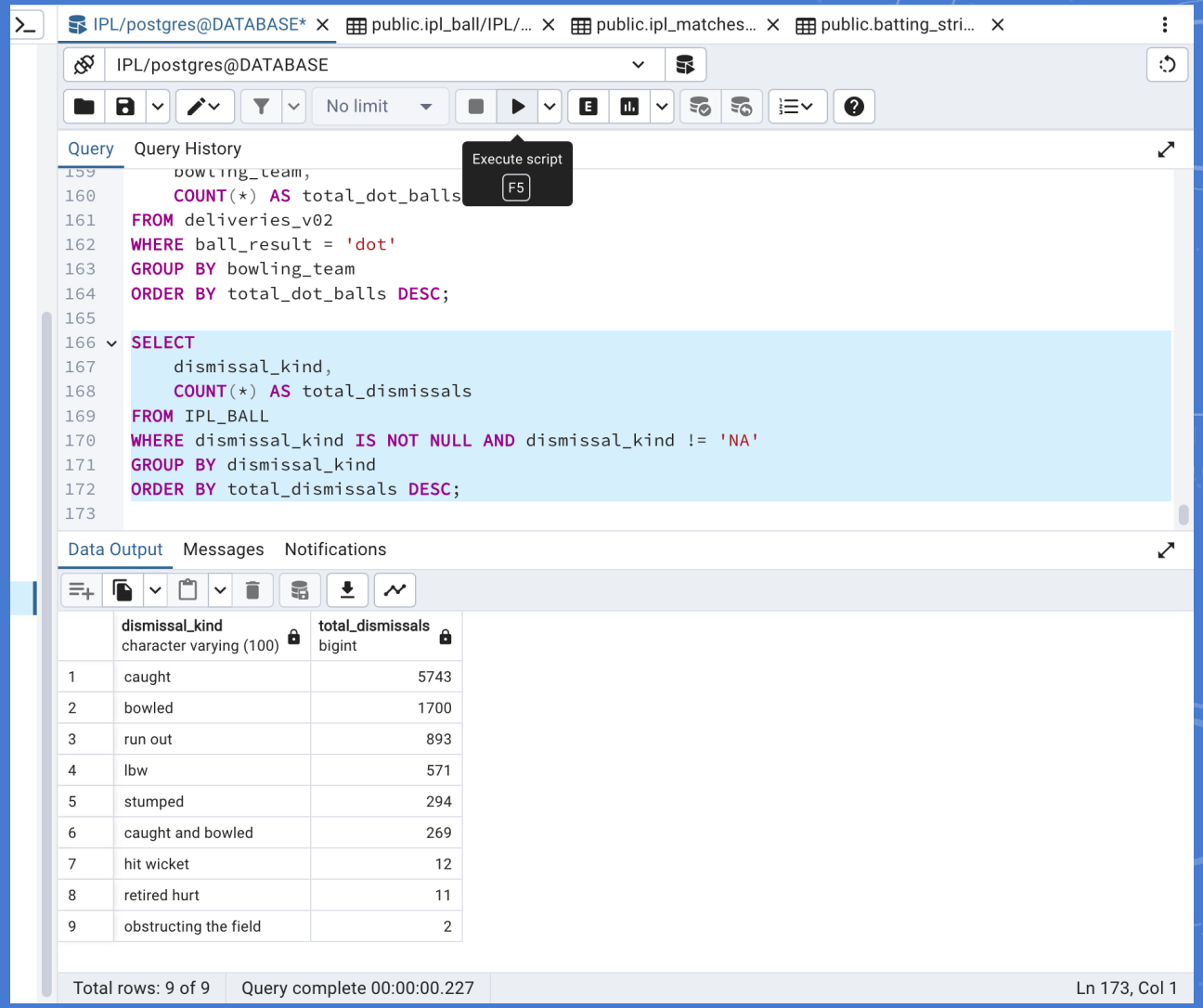
WRITE A QUERY TO FETCH THE TOTAL NUMBER OF BOUNDARIES SCORED BY EACH TEAM FROM THE *DELIVERIES_V02* TABLE AND ORDER IT IN DESCENDING ORDER OF THE NUMBER OF BOUNDARIES SCORED.



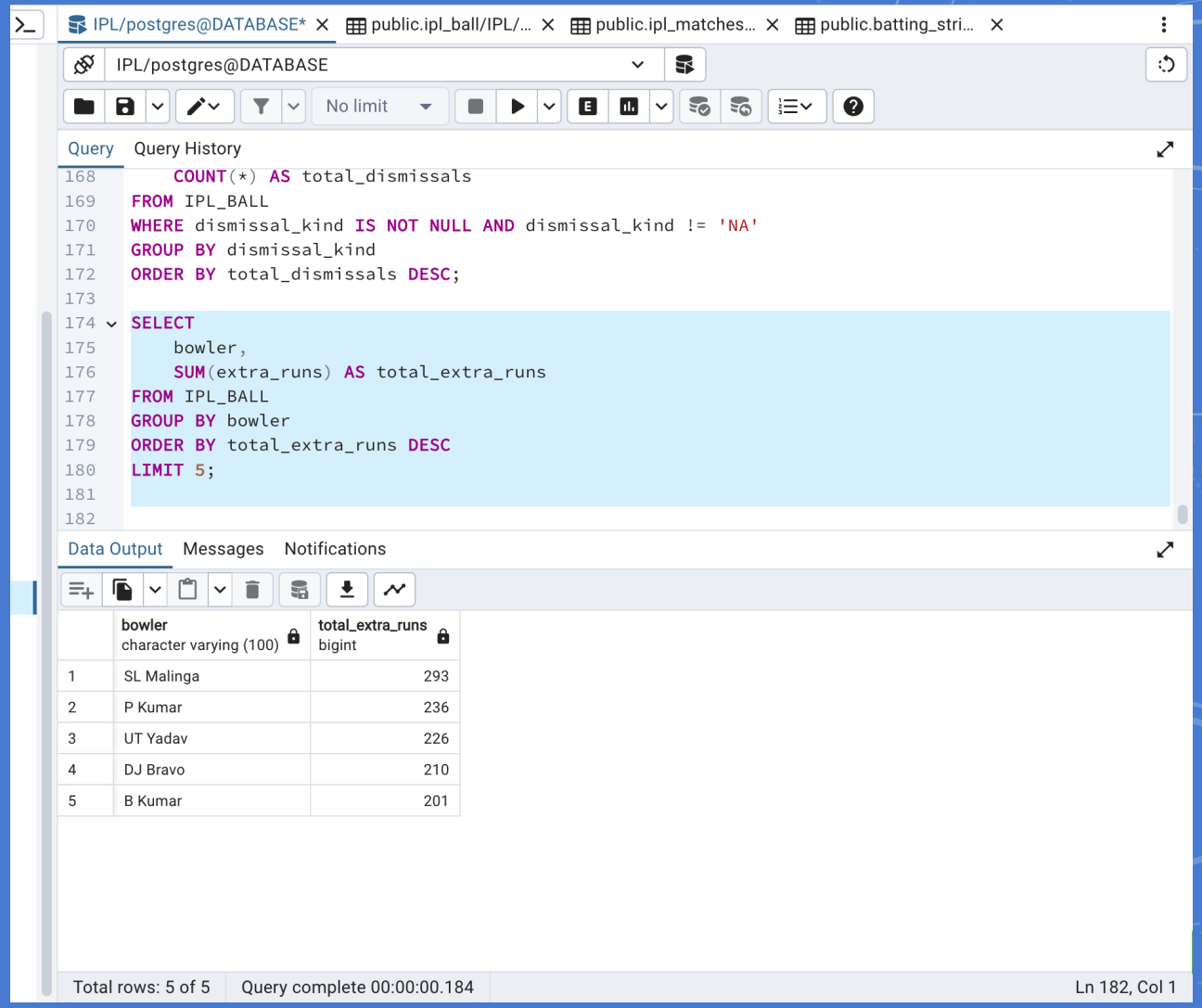
WRITE A QUERY TO FETCH THE TOTAL NUMBER OF DOT BALLS BOWLED BY EACH TEAM AND ORDER IT IN DESCENDING ORDER OF THE TOTAL NUMBER OF DOT BALLS BOWLED.



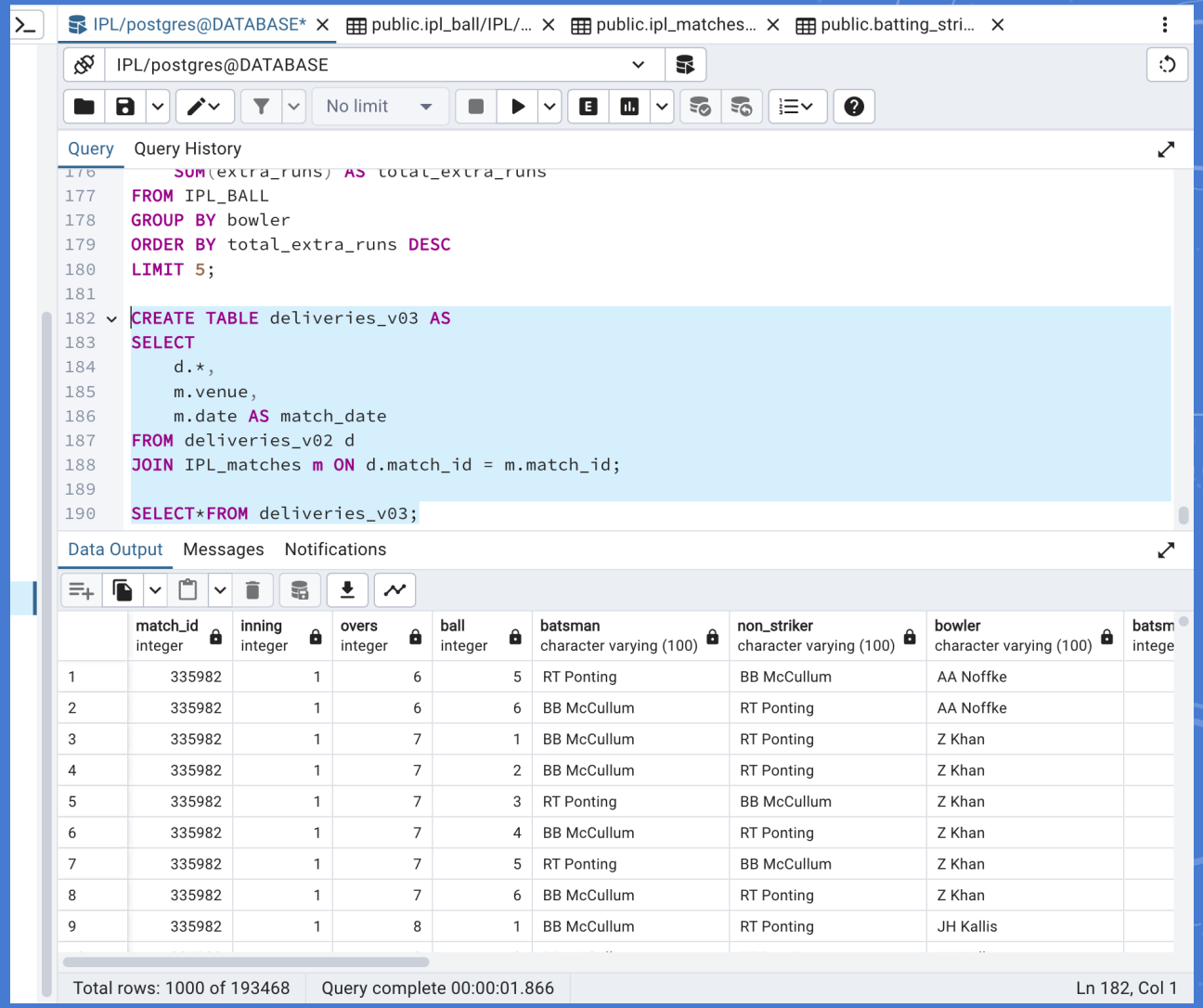
WRITE A QUERY TO FETCH THE TOTAL NUMBER OF DISMISSALS BY DISMISSAL KINDS WHERE DISMISSAL KIND IS NOT NA



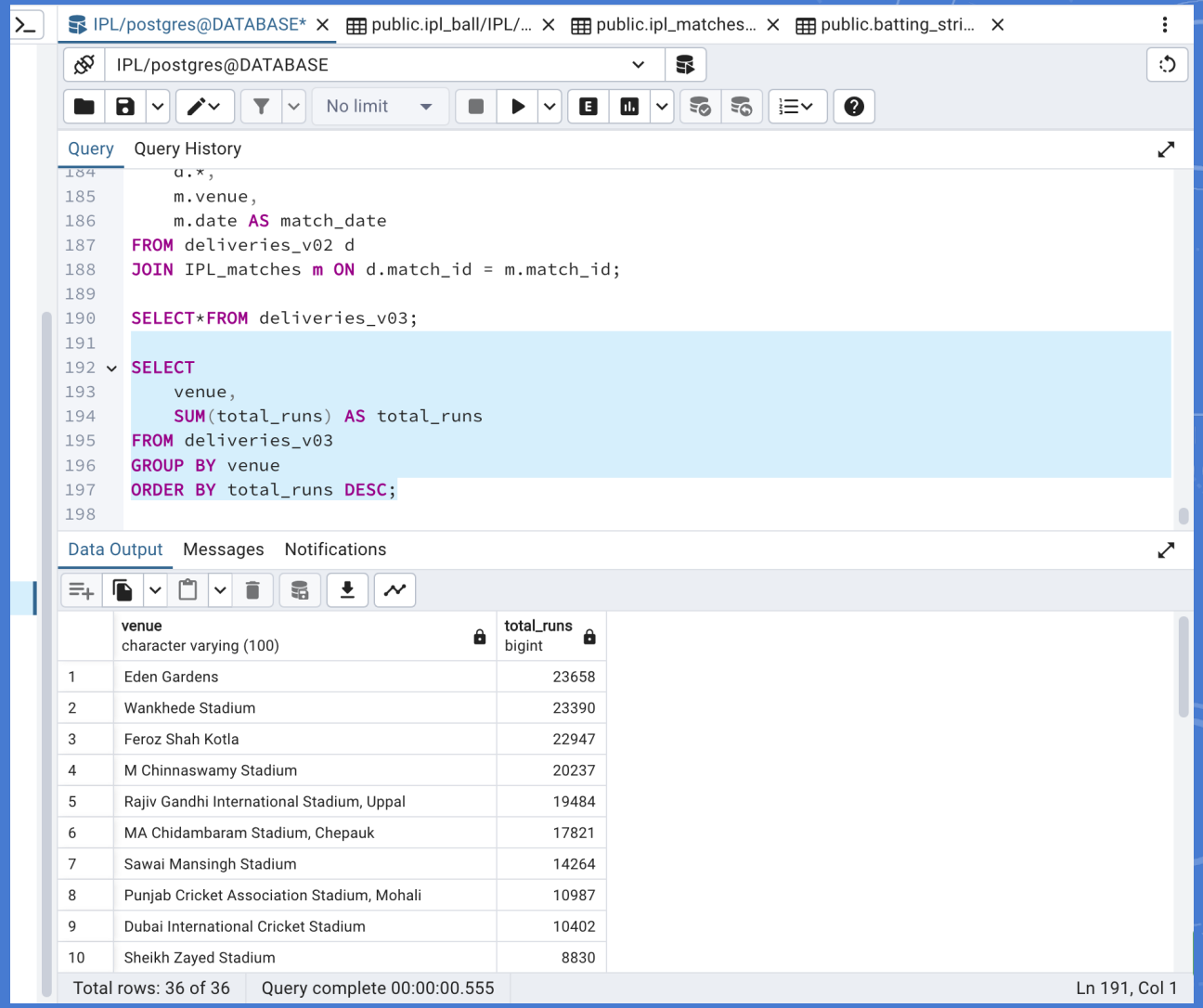
WRITE A QUERY TO GET THE TOP 5 BOWLERS WHO CONCEDED MAXIMUM EXTRA RUNS FROM THE *DELIVERIES* TABLE



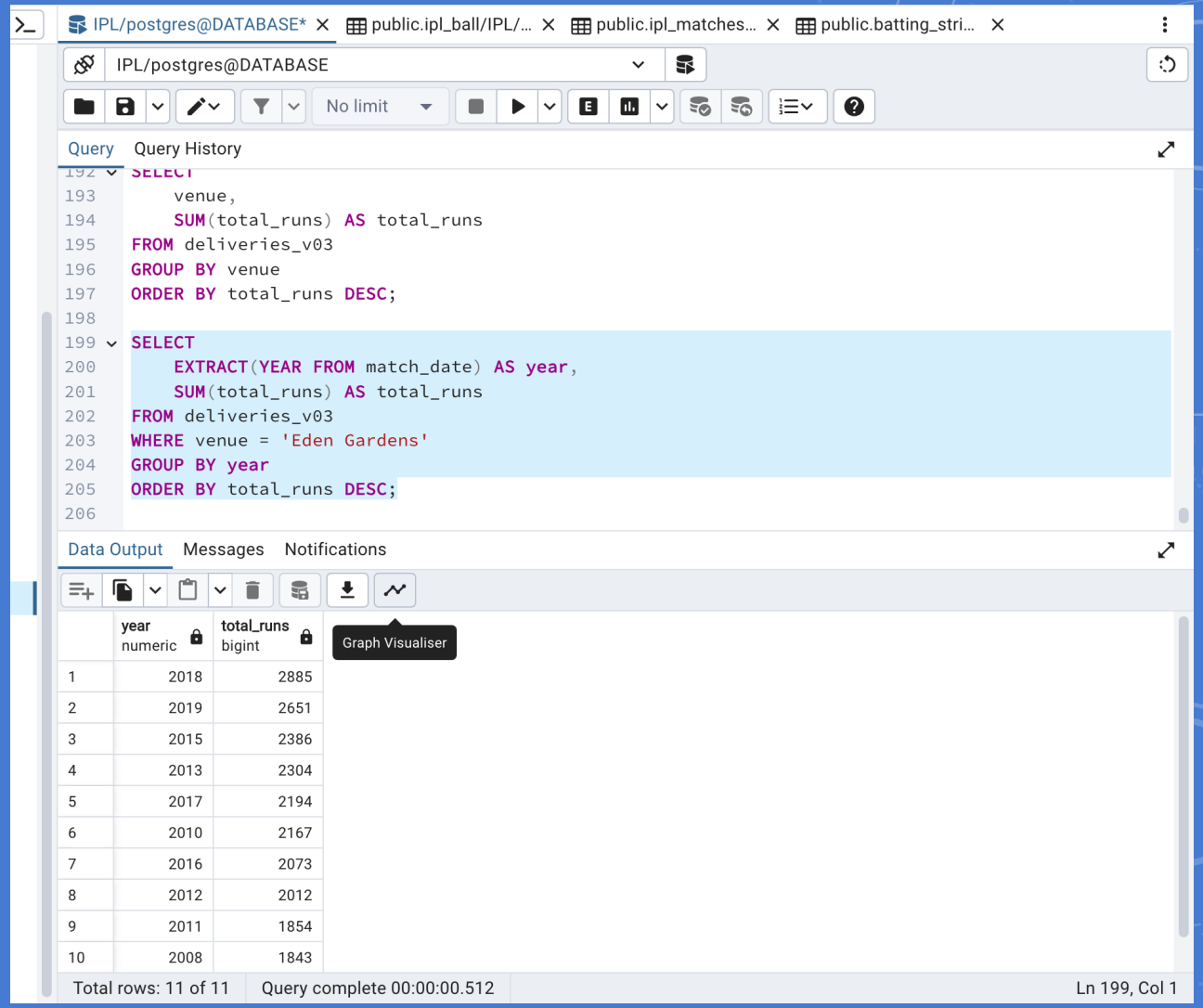
WRITE A QUERY TO CREATE A TABLE NAMED *DELIVERIES_V03* WITH ALL THE COLUMNS OF *DELIVERIES_V02* TABLE AND TWO ADDITIONAL COLUMN (NAMED *VENUE* AND *MATCH_DATE*) OF *VENUE* AND *DATE* FROM TABLE *MATCHES*



WRITE A QUERY TO FETCH THE TOTAL RUNS SCORED FOR EACH VENUE AND ORDER IT IN THE DESCENDING ORDER OF TOTAL RUNS SCORED.



WRITE A QUERY TO FETCH THE YEAR-WISE TOTAL RUNS SCORED AT *EDEN GARDENS* AND ORDER IT IN THE DESCENDING ORDER OF TOTAL RUNS SCORED.



THANK YOU