

Object Explorer

- Servers (1)
 - PostgreSQL 16
 - Databases (6)
 - Classroom
 - IPL
 - Casts
 - Catalogs
 - Event Triggers
 - Extensions
 - Foreign Data Wrappers
 - Languages
 - Publications
 - Schemas (1)
 - public
 - Aggregates
 - Collations
 - Domains
 - FTS Configurations
 - FTS Dictionaries
 - FTS Parsers
 - FTS Templates
 - Foreign Tables
 - Functions
 - Materialized Views
 - Operators
 - Procedures
 - Sequences
 - Tables
 - Trigger Functions
 - Types
 - Views

IPL/postgres@PostgreSQL 16

Query Query History

```
34 toss_decision varchar,  
35 winner varchar,  
36 result varchar,  
37 result_margin varchar,  
38 eliminator varchar,  
39 method varchar,  
40 umpire1 varchar,  
41 umpire2 varchar  
42 );  
43  
44 select * from IPLmatches_new  
45  
46 select count(distinct city) from IPLmatches_new  
47  
48 copy IPLmatches_new from '/Applications/PostgreSQL 16/Data_IPL/IPL_matches.csv' CSV header;
```

Data Output Messages Notifications

	count bigint
1	33

Total rows: 1 of 1 Query complete 00:00:00.340 Ln 46, Col 1

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 - Event Triggers
 - Extensions
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 - Languages
 - Publications
 - Schemas (1)
 - public
 - Aggregates
 - Collations
 - Domains
 - FTS Configurations
 - FTS Dictionaries
 - FTS Parsers
 - FTS Templates
 - Foreign Tables
 - Functions
 - Materialized Views
 - Operators
 - Procedures
 - Sequences
 - Tables
 - Trigger Functions
 - Types
 - Views

IPL/postgres@PostgreSQL 16

Query Query History

```
41  
42  
43  
44 select id,ball,batsman_runs,batsman from IPLballs_new  
45 order by (CAST(batsman_runs AS NUMERIC) / CAST(ball AS NUMERIC)) * 100 desc limit 10  
46  
47  
48
```

Data Output Messages Notifications

	id character varying	ball character varying	batsman_runs character varying	batsman character varying
1	335984	1	6	RA Jadeja
2	335984	1	6	RA Jadeja
3	335983	1	6	S Badrinath
4	335983	1	6	MEK Hussey
5	335982	1	6	BB McCullum
6	335982	1	6	P Kumar
7	335983	1	6	MEK Hussey
8	335983	1	6	JDP Oram
9	335982	1	6	BB McCullum
10	335985	1	6	MV Boucher

Total rows: 10 of 10 Query complete 00:00:00.587 Ln 41, Col 1

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 - Event Triggers
 - Extensions
 - Foreign Data Wrappers
 - Languages
 - Publications
 - Schemas (1)
 - public
 - Aggregates
 - Collations
 - Domains
 - FTS Configurations
 - FTS Dictionaries
 - FTS Parsers
 - FTS Templates
 - Foreign Tables
 - Functions
 - Materialized Views
 - Operators
 - Procedures
 - Sequences
 - Tables
 - Trigger Functions
 - Types
 - Views

IPL/postgres@PostgreSQL 16

Query Query History

```

53 SELECT
54     batsman,
55     SUM(CAST(batsman_runs AS NUMERIC)) AS sum ,
56     COUNT(*),
57     SUM(CAST(batsman_runs AS NUMERIC)) / NULLIF(COUNT(*), 0) FROM
58     IPLballs_new
59     WHERE
60     is_wicket = '1'
61 GROUP BY
62     batsman
63 HAVING
64     COUNT(*) FILTER (WHERE is_wicket = '1') > 0
65     ORDER BY SUM(CAST(batsman_runs AS NUMERIC)) / NULLIF(COUNT(*), 0) desc limit 10;

```

Data Output Messages Notifications

	batsman	sum	count	?column?
	character varying	numeric	bigint	numeric
1	CRD Fernando	2	1	2.0000000000000000
2	KP Appanna	1	1	1.0000000000000000
3	LH Ferguson	1	1	1.0000000000000000
4	AA Noffke	1	1	1.0000000000000000
5	T Thushara	1	2	0.5000000000000000
6	CV Varun	1	2	0.5000000000000000
7	SB Jakati	1	2	0.5000000000000000
8	WD Parnell	4	9	0.4444444444444444
9	KB Arun Karthik	2	5	0.4000000000000000
10	DS Kulkarni	3	9	0.3333333333333333

Total rows: 10 of 10 Query complete 00:00:00.184 Ln 57, Col 61

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 - Classroom
 - IPL
 - Casts
 - Catalogs
 - Event Triggers
 - Extensions
 - Foreign Data Wrappers
 - Languages
 - Publications
 - Schemas (1)
 - public
 - Aggregates
 - Collations
 - Domains
 - FTS Configurations
 - FTS Dictionaries
 - FTS Parsers
 - FTS Templates
 - Foreign Tables
 - Functions
 - Materialized Views
 - Operators
 - Procedures
 - Sequences
 - Tables
 - Trigger Functions
 - Types
 - Views

IPL/postgres@PostgreSQL 16

Query Query History

```

106 SELECT
107     batsman,
108     SUM(CASE WHEN batsman_runs = '4' THEN 1 ELSE 0 END) AS fours,
109     SUM(CASE WHEN batsman_runs = '6' THEN 1 ELSE 0 END) AS sixes,
110     SUM(CASE WHEN batsman_runs = '4' OR batsman_runs = '6' THEN CAST(batsman_runs AS NUMERIC)
111         ELSE 0 END) AS boundary_runs,
112     SUM(CAST(batsman_runs AS NUMERIC)) AS total_runs,
113     (SUM(CASE WHEN batsman_runs = '4' OR batsman_runs = '6' THEN (CAST(batsman_runs AS NUMERIC))
114         ELSE 0 END) / NULLIF(SUM(CAST(batsman_runs AS NUMERIC)), 0)) * 100 AS boundary_percentage
115 FROM
116     IPLballs_new
117 WHERE
118     batsman_runs = '4' OR batsman_runs = '6'
119 GROUP BY
120     batsman
121 ORDER BY boundary_percentage desc limit 10;

```

Data Output Messages Notifications

	batsman	fours	sixes	boundary_runs	total_runs	boundary_percentage
	character varying	bigint	bigint	numeric	numeric	numeric
1	A Chopra	7	0	28	28	100.0000000000000000
2	A Choudhary	1	1	10	10	100.0000000000000000
3	A Flintoff	5	2	32	32	100.0000000000000000
4	A Kumble	3	0	12	12	100.0000000000000000
5	A Mishra	29	5	146	146	100.0000000000000000
6	A Mithun	4	1	22	22	100.0000000000000000
7	A Mukund	1	0	4	4	100.0000000000000000
8	A Nehra	2	1	18	18	100.0000000000000000

Total rows: 10 of 10 Query complete 00:00:00.176 Ln 105, Col 1

Object Explorer

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 - IPL
 - Casts
 - Catalogs
 - Event Triggers
 - Extensions
 - Foreign Data Wrappers
 - Languages
 - Publications
 - Schemas (1)
 - public
 - Aggregates
 - Collations
 - Domains
 - FTS Configurations
 - FTS Dictionaries
 - FTS Parsers
 - FTS Templates
 - Foreign Tables
 - Functions
 - Materialized Views
 - Operators
 - Procedures
 - Sequences
 - Tables
 - Trigger Functions
 - Types
 - Views
 - Subscriptions

IPL/postgres@PostgreSQL 16

Query

```

122 SELECT
123     bowler,
124     COUNT(*) AS total_balls,
125     SUM(CAST(total_runs AS NUMERIC)) AS total_runs,
126     SUM(CAST(CASE WHEN is_wicket = '1' THEN 1 ELSE 0 END AS NUMERIC)) AS total_wickets,
127     SUM(CAST(total_runs AS NUMERIC)) / NULLIF(COUNT(*) / 6, 0) AS economy
128 FROM
129     IPLballs_new
130 WHERE
131     is_wicket = '0' -- Exclude wicket-taking balls from the economy calculation
132 GROUP BY
133     bowler
134 HAVING
135     COUNT(*) >= 500 -- Only consider bowlers who have bowled at least 500 balls
136 ORDER BY
137     economy
138 LIMIT 10;

```

Data Output

	bowler character varying	total_balls bigint	total_runs numeric	total_wickets numeric	economy numeric
1	Rashid Khan	1410	1571	0	6.6851063829787234
2	M Muralitharan	1511	1755	0	6.9920318725099602
3	A Kumble	934	1088	0	7.0193548387096774
4	R Ashwin	3174	3747	0	7.0831758034026465
5	DW Steyn	2171	2567	0	7.1108033240997230
6	DL Vettori	751	892	0	7.1360000000000000

Total rows: 10 of 10 Query complete 00:00:00.530 Ln 136, Col 81

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- Servers (1)
 - PostgreSQL 16
 - Databases (6)
 - Classroom
 - IPL
 - Casts
 - Catalogs
 - Event Triggers
 - Extensions
 - Foreign Data Wrappers
 - Languages
 - Publications
 - Schemas (1)
 - public
 - Aggregates
 - Collations
 - Domains
 - FTS Configurations
 - FTS Dictionaries
 - FTS Parsers
 - FTS Templates
 - Foreign Tables
 - Functions
 - Materialized Views
 - Operators
 - Procedures
 - Sequences
 - Tables
 - Trigger Functions
 - Types
 - Views
 - Subscriptions

IPL/postgres@PostgreSQL 16

Query

```

143 SELECT
144     bowler,
145     COUNT(*) AS total_balls,
146     SUM(CAST(is_wicket AS NUMERIC)) AS total_wickets,
147     COUNT(*) / NULLIF(SUM(CAST(is_wicket AS NUMERIC)), 0) AS strike_rate
148 FROM
149     IPLballs_new
150 GROUP BY
151     bowler
152 HAVING
153     COUNT(*) >= 500
154 ORDER BY
155     strike_rate
156 LIMIT 10;

```

Data Output

	bowler character varying	total_balls bigint	total_wickets numeric	strike_rate numeric
1	K Rabada	840	66	12.727272727272723
2	DE Bollinger	600	43	13.9534883720930233
3	AJ Tye	645	45	14.333333333333333
4	MA Starc	612	39	15.6923076923076923
5	SL Malinga	2974	188	15.8191489361702128
6	Imran Tahir	1314	83	15.8313253012048193
7	DJ Bravo	2846	175	16.2628571428571429
8	A Nehra	1974	121	16.3140495867768595
9	S Aravind	788	48	16.416666666666667

Total rows: 10 of 10 Query complete 00:00:00.529 Ln 141, Col 1

Objc Servers (1) PostgreSQL 16 Databases (6) Classroom IPL Casts Catalogs Event Trig Extension Foreign D Language Publicatic Schemas public Agg Coll: Donr FTS FTS Aa FTS FTS Fore Func Matr Ope Proc 1.3 Sequ Tabl Trigi Type View

IPL/postgres@PostgreSQL 16

Query Query History

```

8      IPLballs_new
9      GROUP BY
10     batsman
11     HAVING
12     COUNT(*) >= 500
13 ),
14 Bowling AS (
15     SELECT
16     bowler,
17     COUNT(*) AS total_balls_bowled,
18     SUM(CAST(is_wicket AS NUMERIC)) AS total_wickets,
19     COUNT(*) / NULLIF(SUM(CAST(is_wicket AS NUMERIC)), 0) AS bowling_strike_rate
20     FROM
21     IPLballs_new
22     GROUP BY
23     bowler
24     HAVING
25     COUNT(*) >= 300
26 )
27 SELECT
28     B.batsman AS player_name,
29     B.batting_strike_rate,
30     W.bowling_strike_rate
31 FROM
32     Batting B
33 JOIN
34     Bowling W ON B.batsman = W.bowler
35 ORDER BY
36     (B.batting_strike_rate + W.bowling_strike_rate) DESC
37 LIMIT 10;
38
39

```

Total rows: 10 of 10 Query complete 00:00:00.417 Ln 1, Col 1

Objc Servers (1) PostgreSQL 16 Databases (6) Classroom IPL Casts Catalogs Event Trig Extension Foreign D Language Publicatic Schemas public Agg Coll: Donr FTS FTS Aa FTS FTS Fore Func Matr Ope Proc 1.3 Sequ Tabl Trigi Type View

IPL/postgres@PostgreSQL 16

Query Query History

```

1  WITH Batting AS (
2      SELECT
3      batsman,
4      COUNT(*) AS total_balls_batted,
5      SUM(CAST(batsman_runs AS NUMERIC)) AS total_runs_batted,
6      COUNT(*) / NULLIF(SUM(CAST(is_wicket AS NUMERIC)), 0) AS batting_strike_rate
7      FROM
8      IPLballs_new
9      GROUP BY
10     batsman
11     HAVING
12     COUNT(*) >= 500
13 ),
14 Bowling AS (
15     SELECT
16     bowler,
17     COUNT(*) AS total_balls_bowled,
18     SUM(CAST(is_wicket AS NUMERIC)) AS total_wickets,
19     COUNT(*) / NULLIF(SUM(CAST(is_wicket AS NUMERIC)), 0) AS bowling_strike_rate
20     FROM
21     IPLballs_new
22     GROUP BY
23     bowler
24     HAVING
25     COUNT(*) >= 300
26 )
27 SELECT
28     B.batsman AS player_name,
29     B.batting_strike_rate,
30     W.bowling_strike_rate
31 FROM
32     Batting B

```

Total rows: 10 of 10 Query complete 00:00:00.417 Ln 1, Col 1

Object Explorer | Servers (1) | PostgreSQL 16 | Databases (6) | Classroom | IPL | Casts | Catalogs | Event Triggers | Extension | Foreign Data Wrappers | Language | Publication | Schemas | public | Aggregates | Collations | Domains | Full-Text Search | Functions | Materialized Views | Operators | Procedures | Sequences | Tables | Triggers | Types | Views

Query Editor: IPL/postgres@PostgreSQL 16

```
43
44
45
46 SELECT COUNT(DISTINCT city) AS city_count
47 FROM IPLmatches_new;
48
49
50
51
52
53
54
55
56
57 select id,ball,batsman_runs,batsman from IPLballs_new
```

Data Output | Messages | Notifications

city_count
33

Total rows: 1 of 1 | Query complete 00:00:00.249 | Ln 51, Col 1

Object Explorer | Servers (1) | PostgreSQL 16 | Databases (6) | Classroom | IPL | Casts | Catalogs | Event Triggers | Extension | Foreign Data Wrappers | Language | Publication | Schemas | public | Aggregates | Collations | Domains | Full-Text Search | Functions | Materialized Views | Operators | Procedures | Sequences | Tables | Triggers | Types | Views

Query Editor: IPL/postgres@PostgreSQL 16

```
48
49
50 CREATE TABLE deliveries_v02 AS
51 SELECT
52 *,
53 CASE
54 WHEN total_runs >= '4' THEN 'boundary'
55 WHEN total_runs = '0' THEN 'dot'
56 ELSE 'other'
57 END AS ball_result
58 FROM
59 IPLballs_new;
60
61
62
```

Data Output | Messages | Notifications

SELECT 193468

Query returned successfully in 3 secs 647 msec.

Total rows: 1 of 1 | Query complete 00:00:03.647 | Ln 59, Col 18

Objc Servers (1) PostgreSQL 16 Databases (6) Classroom IPL Casts Catalogs Event Trig Extension Foreign D Language Publicatic Schemas public Agg Coll: Dorr FTS FTS FTS Fore Func Mat: Ope: Proc 1.3 Sequ Tabl Trig: Type View

IPL/postgres@PostgreSQL 16

Query Query History

```

48
49
50 CREATE TABLE deliveries_v02 AS
51 SELECT
52     *,
53     CASE
54         WHEN total_runs >= '4' THEN 'boundary'
55         WHEN total_runs = '0' THEN 'dot'
56         ELSE 'other'
57     END AS ball_result
58 FROM
59     IPLballs_new;
60
61 select * from deliveries_v02
62

```

Data Output Messages Notifications

	id character varying	inning character varying	over character varying	ball character varying	batsman character varying	nonstrike character varying	bowler character varying	batsman_runs character varying
1	335982	1	6	5	RT Ponting	BB McCullum	AA Noffke	1
2	335982	1	6	6	BB McCullum	RT Ponting	AA Noffke	1
3	335982	1	7	1	BB McCullum	RT Ponting	Z Khan	0
4	335982	1	7	2	BB McCullum	RT Ponting	Z Khan	1
5	335982	1	7	3	RT Ponting	BB McCullum	Z Khan	1
6	335982	1	7	4	BB McCullum	RT Ponting	Z Khan	1
7	335982	1	7	5	RT Ponting	BB McCullum	Z Khan	1
8	335982	1	7	6	BB McCullum	RT Ponting	Z Khan	1
9	335982	1	8	1	BB McCullum	RT Ponting	JH Kallis	0

Total rows: 1000 of 193468 Query complete 00:00:01.594 Ln 59, Col 18

Objc Servers (1) PostgreSQL 16 Databases (6) Classroom IPL Casts Catalogs Event Trig Extension Foreign D Language Publicatic Schemas public Agg Coll: Dorr FTS FTS FTS Fore Func Mat: Ope: Proc 1.3 Sequ Tabl Trig: Type View

IPL/postgres@PostgreSQL 16

Query Query History

```

60
61 select * from deliveries_v02
62
63
64
65 SELECT
66     ball_result,
67     COUNT(*) AS total_count
68 FROM
69     deliveries_v02
70 WHERE
71     ball_result IN ('boundary', 'dot')
72 GROUP BY
73     ball_result;
74
75

```

Data Output Messages Notifications

	ball_result text	total_count bigint
1	boundary	31468
2	dot	67841

Total rows: 2 of 2 Query complete 00:00:00.276 Ln 64, Col 1

Object Explorer | Servers (1) | PostgreSQL 16 | Databases (6) | Classroom | IPL | Casts | Catalogs | Event Triggers | Extension | Foreign Data Wrappers | Language | Publications | Schemas | public | Aggregates | Columns | Constraints | Database Properties | FTS | Functions | Procedures | Sequences | Tables | Triggers | Types | Views

Query | Query History

```
select * from deliveries_v02

SELECT
    batting_team,
    COUNT(*) AS total_boundaries
FROM
    deliveries_v02
WHERE
    ball_result = 'boundary'
GROUP BY
    batting_team
ORDER BY
    total_boundaries DESC;
```

Data Output | Messages | Notifications

	batting_team character varying	total_boundaries bigint
1	Mumbai Indians	4118
2	Royal Challengers Bangalore	3800
3	Kings XI Punjab	3780
4	Kolkata Knight Riders	3739
5	Chennai Super Kings	3496
6	Rajasthan Royals	3041
7	Delhi Daredevils	3022
8	Sunrisers Hyderabad	2306
9	Deccan Chargers	1387

Total rows: 15 of 15 | Query complete 00:00:00.311 | Ln 77, Col 1

Object Explorer | Servers (1) | PostgreSQL 16 | Databases (6) | Classroom | IPL | Casts | Catalogs | Event Triggers | Extension | Foreign Data Wrappers | Language | Publications | Schemas | public | Aggregates | Columns | Constraints | Database Properties | FTS | Functions | Procedures | Sequences | Tables | Triggers | Types | Views

Query | Query History

```
total_boundaries DESC;

SELECT
    bowling_team,
    COUNT(*) AS total_dot_balls
FROM
    deliveries_v02
WHERE
    ball_result = 'dot'
GROUP BY
    bowling_team
ORDER BY
    total_dot_balls DESC;
```

Data Output | Messages | Notifications

	bowling_team character varying	total_dot_balls bigint
1	Mumbai Indians	8714
2	Royal Challengers Bangalore	7955
3	Kolkata Knight Riders	7894
4	Kings XI Punjab	7679
5	Chennai Super Kings	7593
6	Rajasthan Royals	6665
7	Delhi Daredevils	6520
8	Sunrisers Hyderabad	5248
9	Deccan Chargers	3306

Total rows: 16 of 16 | Query complete 00:00:00.436 | Ln 89, Col 1

Objc Servers (1) PostgreSQL 16 Databases (6) Classroom IPL Casts Catalogs Event Trig Extension Foreign D Language Publicatic Schemas public Agg Coll: Dorr FTS FTS FTS Fore Func Matr Ope Proc 1.3 Sequ Tabl Trigi Type View

IPL/postgres@PostgreSQL 16

Query Query History

```
99 ORDER BY
100 total_dot_balls DESC;
101
102 SELECT
103     dismissal_kind,
104     COUNT(*) AS total_dismissals
105 FROM
106     deliveries_v02
107 WHERE
108     dismissal_kind IS NOT NULL AND dismissal_kind != 'NA'
109 GROUP BY
110     dismissal_kind
111 ORDER BY
112     total_dismissals DESC;
113
```

Data Output Messages Notifications

	dismissal_kind character varying	total_dismissals bigint
1	caught	5743
2	bowled	1700
3	run out	893
4	lbw	571
5	stumped	294
6	caught and bowled	269
7	hit wicket	12
8	retired hurt	11
9	obstructing the field	2

Total rows: 9 of 9 Query complete 00:00:00.275 Ln 101, Col 1

Objc Servers (1) PostgreSQL 16 Databases (6) Classroom IPL Casts Catalogs Event Trig Extension Foreign D Language Publicatic Schemas public Agg Coll: Dorr FTS FTS FTS Fore Func Matr Ope Proc 1.3 Sequ Tabl Trigi Type View

IPL/postgres@PostgreSQL 16

Query Query History

```
110 ORDER BY
111 total_dismissals DESC;
112
113 SELECT
114     bowler,
115     SUM(CAST(extra_runs AS NUMERIC)) AS total_extra_runs
116 FROM
117     deliveries_v02
118 GROUP BY
119     bowler
120 ORDER BY
121     total_extra_runs DESC
122 LIMIT 5;
123
124
```

Data Output Messages Notifications

	bowler character varying	total_extra_runs numeric
1	SL Malinga	293
2	P Kumar	236
3	UT Yadav	226
4	DJ Bravo	210
5	B Kumar	201

✓ Successfully run. Total query runtime: 313 msec. 5 rows affected. ✕

Total rows: 5 of 5 Query complete 00:00:00.313 Ln 113, Col 1

Object Explorer | Query Editor | Results | Messages | Notifications

Servers (1)
PostgreSQL 16
Databases (6)
Classroom
IPL
Casts
Catalogs
Event Triggers
Extensions
Foreign Data Wrappers
Languages
Publications
Schemas
public
Aggregates
Columns
Constraints
Domains
Functions
Foreign Data Wrappers
Functions
Materialized Views
Operators
Procedures
Sequences
Tables
Triggers
Types
Views

Query Editor: IPL/postgres@PostgreSQL 16

```
120 ORDER BY
121     total_extra_runs DESC
122 LIMIT 5;
123
124 CREATE TABLE deliveries_v03 AS
125 SELECT
126     d.*,
127     m.venue,
128     m."date" AS match_date
129 FROM
130     deliveries_v02 d
131 JOIN
132     IPLmatches_new m ON d.id = m.id;
133
134
```

Data Output: SELECT 193468

Messages: Query returned successfully in 3 secs 65 msec.

Total rows: 5 of 5 | Query complete 00:00:03.065 | Ln 124, Col 1

Object Explorer: Servers (1) PostgreSQL 16 Databases (6) Classroom IPL Casts Catalogs Event Triggers Extension Foreign Data Wrappers Language Public Catalogs Schemas public Aggregates Columns Domains Full-Text Search Functions Operators Procedures Sequences Tables Triggers Types Views

Query Editor: IPL/postgres@PostgreSQL 16

```

131 CREATE TABLE IPLmatches_new (m ON d.id = m.id;
132
133
134 select * from deliveries_v03
135
136 SELECT
137     venue,
138     SUM(CAST(total_runs AS NUMERIC)) AS total_runs_scored
139 FROM
140     deliveries_v03
141 GROUP BY
142     venue
143 ORDER BY
144     total_runs_scored DESC;
145
146

```

Data Output: Messages Notifications

	venue	total_runs_scored
	character varying	numeric
1	Eden Gardens	23658
2	Wankhede Stadium	23390
3	Feroz Shah Kotla	22947
4	M Chinnaswamy Stadium	20237
5	Rajiv Gandhi International Stadium, Uppal	19484
6	MA Chidambaram Stadium, Chepauk	17821
7	Sawai Mansingh Stadium	14264
8	Punjab Cricket Association Stadium, Mohali	10987
9	Dubai International Cricket Stadium	10402

Successfully run. Total query runtime: 419 msec. 36 rows affected.

Total rows: 36 of 36 Query complete 00:00:00.419 Ln 136, Col 1

Object Explorer: Servers (1) PostgreSQL 16 Databases (6) Classroom IPL Casts Catalogs Event Triggers Extension Foreign Data Wrappers Language Public Catalogs Schemas public Aggregates Columns Domains Full-Text Search Functions Operators Procedures Sequences Tables Triggers Types Views

Query Editor: IPL/postgres@PostgreSQL 16

```

131 CREATE TABLE IPLmatches_new (m ON d.id = m.id;
132
133
134 select * from deliveries_v03
135
136 SELECT
137     venue,
138     SUM(CAST(total_runs AS NUMERIC)) AS total_runs_scored
139 FROM
140     deliveries_v03
141 GROUP BY
142     venue
143 ORDER BY
144     total_runs_scored DESC;
145
146

```

Data Output: Messages Notifications

	venue	total_runs_scored
	character varying	numeric
1	Eden Gardens	23658
2	Wankhede Stadium	23390
3	Feroz Shah Kotla	22947
4	M Chinnaswamy Stadium	20237
5	Rajiv Gandhi International Stadium, Uppal	19484
6	MA Chidambaram Stadium, Chepauk	17821
7	Sawai Mansingh Stadium	14264
8	Punjab Cricket Association Stadium, Mohali	10987
9	Dubai International Cricket Stadium	10402

Total rows: 36 of 36 Query complete 00:00:00.419 Ln 136, Col 1

create table IPLmatches_new (
id int ,

```
city varchar,  
date varchar,  
player_of_match varchar,  
venue varchar,  
neutral_venue varchar,  
team1 varchar,  
team2 varchar,  
toss_winner varchar,  
toss_decision varchar,  
winner varchar,  
result varchar,  
result_margin varchar,  
eliminator varchar,  
method varchar,  
umpire1 varchar,  
umpire2 varchar  
);
```

```
select * from IPLmatches_new
```

```
copy IPLmatches_new from '/Applications/PostgreSQL 16/Data_IPL/matches_new.csv' CSV  
header;
```

```
create table IPLballs_new (  
id varchar ,  
inning varchar,  
over varchar,  
ball varchar,  
batsman varchar,  
nonstrike varchar,  
bowler varchar,  
batsman_runs varchar,  
extra_runs varchar,  
total_runs varchar,  
non_boundaries varchar,  
is_wicket varchar,  
dismissal_kind varchar,  
player_dismissed varchar,  
fielder varchar,  
batting_team varchar,
```

```
bowling_team varchar
);
```

Aggressive batters:

id	ball	batsman_runs	batsman
335984	1	6	RA Jadeja
335984	1	6	RA Jadeja
335983	1	6	S Badrinath
335983	1	6	MEK Hussey
335982	1	6	BB McCullum
335982	1	6	P Kumar
335983	1	6	MEK Hussey
335983	1	6	JDP Oram
335982	1	6	BB McCullum
335985	1	6	MV Boucher

Anchor batsmen:

batsman	sum	count	?column?
CRD Fernando	2	1	2
KP Appanna	1	1	1
LH Ferguson	1	1	1
AA Noffke	1	1	1
T Thushara	1	2	0.5
CV Varun	1	2	0.5
SB Jakati	1	2	0.5
WD Parnell	4	9	0.4444444444
KB Arun Karthik	2	5	0.4

DS Kulkarni	3	9	0.333333333
-------------	---	---	-------------

Hardhitting batsmen:

A Chopra	7	0	28	28	100
A Choudhary	1	1	10	10	100
A Flintoff	5	2	32	32	100
A Kumble	3	0	12	12	100
A Mishra	29	5	146	146	100
A Mithun	4	1	22	22	100
A Mukund	1	0	4	4	100
A Nehra	3	1	18	18	100
A Symonds	74	41	542	542	100
A Ashish Reddy	16	15	154	154	100

Economical bowlers:

bowler	total_ball s	total_run s	total_wicket s	economy
Rashid Khan	1410	1571	0	6.685106383
M Muralitharan	1511	1755	0	6.992031873
A Kumble	934	1088	0	7.019354839
R Ashwin	3174	3747	0	7.083175803
DW Steyn	2171	2567	0	7.110803324
DL Vettori	751	892	0	7.136
SP Narine	2681	3201	0	7.177130045

Washington Sundar	634	758	0	7.219047619
J Botha	682	818	0	7.238938053
R Tewatia	560	683	0	7.344086022

Total no of boundaries scored by each player:

batting_team	total_boundaries
Mumbai Indians	4118
Royal Challengers Bangalore	3800
Kings XI Punjab	3780
Kolkata Knight Riders	3739
Chennai Super Kings	3496
Rajasthan Royals	3041
Delhi Daredevils	3022
Sunrisers Hyderabad	2306
Deccan Chargers	1387
Pune Warriors	733
Delhi Capitals	659
Gujarat Lions	624
Rising Pune Supergiant	290
Rising Pune Supergiants	242
Kochi Tuskers Kerala	231

Hardhitting batsmen:

batsman	fours	sixes	boundary_runs	total_runs	boundary_percentage
A Chopra	7	0	28	28	100
A Choudhary	1	1	10	10	100
A Flintoff	5	2	32	32	100

A Kumble	3	0	12	12	100
A Mishra	29	5	146	146	100
A Mithun	4	1	22	22	100
A Mukund	1	0	4	4	100
A Nehra	3	1	18	18	100
A Symonds	74	41	542	542	100
A Ashish Reddy	16	15	154	154	100

No of cities:

count

33

No of boundaries and dot balls:

ball_result total_count

boundary 31468

dot 67841

No of dot balls:

bowling_team	total_dot_balls
Mumbai Indians	8714
Royal Challengers Bangalore	7955
Kolkata Knight Riders	7894
Kings XI Punjab	7679
Chennai Super Kings	7593
Rajasthan Royals	6665
Delhi Daredevils	6520
Sunrisers Hyderabad	5248
Deccan Chargers	3306
Pune Warriors	1900
Delhi Capitals	1338

Gujarat Lions	1095
Rising Pune Supergiant	698
Kochi Tuskers Kerala	626
Rising Pune Supergiants	539
NA	71

Additional question 5:

venue	total_runs_scored
Eden Gardens	23658
Wankhede Stadium	23390
Feroz Shah Kotla	22947
M Chinnaswamy Stadium	20237
Rajiv Gandhi International Stadium, Uppal	19484
MA Chidambaram Stadium, Chepauk	17821
Sawai Mansingh Stadium	14264
Punjab Cricket Association Stadium, Mohali	10987
Dubai International Cricket Stadium	10402
Sheikh Zayed Stadium	8830
Punjab Cricket Association IS Bindra Stadium, Mohali	7021
Maharashtra Cricket Association Stadium	6780
Sharjah Cricket Stadium	5924
M.Chinnaswamy Stadium	5127
Dr DY Patil Sports Academy	4810
Subrata Roy Sahara Stadium	4755
Kingsmead	4353
Brabourne Stadium	3842
Dr. Y.S. Rajasekhara Reddy ACA-VDCA Cricket Stadium	3746
Sardar Patel Stadium, Motera	3746
SuperSport Park	3653

Saurashtra Cricket Association Stadium	3316
Himachal Pradesh Cricket Association Stadium	2897
Holkar Cricket Stadium	2872
New Wanderers Stadium	2292
Barabati Stadium	2278
JSCA International Stadium Complex	2056
St George's Park	2033
Newlands	1764
Shaheed Veer Narayan Singh International Stadium	1741
Nehru Stadium	1363
Green Park	1298
De Beers Diamond Oval	897
Vidarbha Cricket Association Stadium, Jamtha	882
Buffalo Park	799
OUTsurance Oval	529

6.Additional q:

dismissal_kind	total_dismissals
caught	5743
bowled	1700
run out	893
lbw	571
stumped	294
caught and bowled	269
hit wicket	12
retired hurt	11
obstructing the field	2

7.Additional q:

bowler	total_extra_runs
SL Malinga	293
P Kumar	236
UT Yadav	226
DJ Bravo	210
B Kumar	201

10.Additional Q10

venue	total_runs_scored
Eden Gardens	23658
Wankhede Stadium	23390
Feroz Shah Kotla	22947
M Chinnaswamy Stadium	20237
Rajiv Gandhi International Stadium, Uppal	19484
MA Chidambaram Stadium, Chepauk	17821
Sawai Mansingh Stadium	14264
Punjab Cricket Association Stadium, Mohali	10987
Dubai International Cricket Stadium	10402
Sheikh Zayed Stadium	8830
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Total no of boundaries:

batting_team	total_boundaries
Mumbai Indians	4118
Royal Challengers Bangalore	3800
Kings XI Punjab	3780
Kolkata Knight Riders	3739
Chennai Super Kings	3496
Rajasthan Royals	3041
Delhi Daredevils	3022
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Deccan Chargers	1387
Pune Warriors	733

Delhi Capitals	659
Gujarat Lions	624
Rising Pune Supergiant	290
Rising Pune Supergiants	242
Kochi Tuskers Kerala	231

All rounders:

player_name	batting_strike_rate	bowling_strike_rate
JP Duminy	34.28571429	30.47826087
CH Gayle	28.81034483	30.73684211
SK Raina	25.25625	31
DJ Hussey	22.46938776	32.3
A Symonds	30.03846154	23.47826087
JH Kallis	25.74157303	24.31081081
AD Mathews	19.32258065	28.82142857
YK Pathan	20.99099099	25.73913043
KH Pandya	19.13157895	26.18367347
RG Sharma	23.0960452	21.375