

Used AWS athena for data analysis

Query to get all athletes:

uggestions to speed up SQL query development

Default. You can change this setting in query editor preferences.

Query 1 : X

Query 5 : X

1

select * from athletes

Output:

#	name	short_name	gender	birth_date	country	country_code	discipline	discipline_code	athlete_id
3	ABAD Nestor	ABAD N	Male	1993-03-29	Spain	ESP	Artistic Gymnastics	GAR	1355250
4	ABAGNALE Giovanni	ABAGNALE G	Male	1995-01-11	Italy	ITA	Rowing	ROW	1321381
5	ABALDE Alberto	ABALDE A	Male	1995-12-15	Spain	ESP	Basketball	BKB	1322233
6	ABALDE Tamara	ABALDE T	Female	1989-02-06	Spain	ESP	Basketball	BKB	1322271
7	ABALO Luc	ABALO L	Male	1984-09-06	France	FRA	Handball	HBL	1350409
8	ABAROA Cesar	ABAROA C	Male	1996-11-18	Chile	CHI	Rowing	ROW	1309960
9	ABASS Abobakr	ABASS A	Male	1998-11-01	Sudan	SUD	Swimming	SWM	1344792
10	ABBAGNALE Vincenzo	ABBAGNALE V	Male	1993-03-13	Italy	ITA	Rowing	ROW	1331787
11	ABBASALI Hamideh	ABBASALI H	Female	1990-03-14	Islamic Republic of Iran	IRI	Karate	KTE	1284763
12	ABBASOV Islam	ABBASOV I	Male	1996-03-24	Azerbaijan	AZE	Wrestling	WRE	1433032
13	ABBINGH Lois	ABBINGH L	Female	1992-08-13	Netherlands	NED	Handball	HBL	1456949
14	ABBOT Emily	ABBOT E	Female	1997-02-28	Australia	AUS	Rhythmic Gymnastics	GRY	1349883
15	ABBOTT Monica	ABBOTT M	Female	1985-07-28	United States of America	USA	Baseball/Softball	BSB	1310126
16	ABDALLA Abubaker Haydar	ABDALLA AH	Male	1996-08-28	Qatar	QAT	Athletics	ATH	1328854
17	ABDALRASOOL Mohamed	ABDALRASOOL M	Male	1993-07-24	Sudan	SUD	Judo	JUD	1898618
18	ABDEL LATIF Radwa	ABDEL LATIF R	Female	1989-10-15	Egypt	EGY	Shooting	SHO	1306332
19	ABDEL RAZEK Samy	ABDEL RAZEK S	Male	1980-04-10	Egypt	EGY	Shooting	SHO	1306339
20	ABDELAAL Mohamed	ABDELAAL M	Male	1990-07-23	Egypt	EGY	Judo	JUD	1301765
21	ABDELAZIZ Abdalla	ABDELAZIZ A	Male	1999-03-29	Egypt	EGY	Karate	KTE	1306315
22	ABDELAZIZ Farah	ABDELAZIZ F	Female	1992-09-01	Egypt	EGY	Table Tennis	TTE	1296357
23	ABDELAZIZ Feryal	ABDELAZIZ F	Female	1999-02-16	Egypt	EGY	Karate	KTE	1306348

Query to get count of athletes by discipline:

Query 1 : X

Query 5 : X

1

SELECT discipline, COUNT(*) AS "number of athletes" FROM Athletes GROUP BY discipline;

Output:

#	discipline	number of athletes
3	Wrestling	289
4	Baseball/Softball	254
5	Table Tennis	163
6	Football	581
7	Weightlifting	194
8	Canoe Slalom	81
9	Water Polo	286
10	Cycling BMX Racing	45
11	Rugby Sevens	311
12	Volleyball	286
13	Skateboarding	78
14	Modern Pentathlon	66
15	IVB	3
16	Cycling Road	196
17	Karate	80
18	Judo	393
19	Badminton	168
20	Diving	138
21	Hockey	405
22	Trampoline Gymnastics	32
23	Surfing	40
24	Canoe Sprint	246

Query to get oldest athlete

#	discipline	number of athletes
3	Wrestling	289
4	Baseball/Softball	254
5	Table Tennis	163
6	Football	581
7	Weightlifting	194
8	Canoe Slalom	81
9	Water Polo	286
10	Cycling BMX Racing	45
11	Rugby Sevens	311
12	Volleyball	286
13	Skateboarding	78
14	Modern Pentathlon	66
15	IVB	3
16	Cycling Road	196
17	Karate	80
18	Judo	393
19	Badminton	168
20	Diving	138
21	Hockey	405
22	Trampoline Gymnastics	32
23	Surfing	40
24	Canoe Sprint	246

```

1 SELECT *
2 FROM Athletes
3 WHERE birth_date = (SELECT MAX(birth_date) FROM Athletes LIMIT 1);

```

Output:

#	name	short_name	gender	birth_date	country	country_code	discipline	discipline_code	ath
1	ZAZA Hend	ZAZA H	Female	2009-01-01	Syrian Arab Republic	SYR	Table Tennis	TTE	140

Query to get coach names who were born between 1975 and 2000

#	name	short_name	gender	birth_date	country	country_code	discipline	discipline_code	ath
1	ZAZA Hend	ZAZA H	Female	2009-01-01	Syrian Arab Republic	SYR	Table Tennis	TTE	140

```

1 select name from coaches where birth_date between '1975-01-01' and '2000-12-31';

```

Query to get average coach age present based on each discipline

#	name	short_name	gender	birth_date	country	country_code	discipline	discipline_code	ath
1	ZAZA Hend	ZAZA H	Female	2009-01-01	Syrian Arab Republic	SYR	Table Tennis	TTE	140

```

1 select discipline,avg(year(getdate())-year(birth_date)) as 'average age' from Coaches group by discipline order by [average age];

```

Query to get overall medals won by each gender

#	name	short_name	gender	birth_date	country	country_code	discipline	discipline_code	ath
1	ZAZA Hend	ZAZA H	Female	2009-01-01	Syrian Arab Republic	SYR	Table Tennis	TTE	140

```

1 select gender,count(*) as 'total medals' from Medals group by gender;

```

Query to get technical officials who have same birth date

✔ Query 1 : ✕

✔ Query 5 : ✕

1

select birth_date, STRING_AGG(name, ', ') AS "officials_with_same_birthdate" from technical_officials group by birth_date

2

having count(DISTINCT name) > 1;