

При выполнении этого задания возникли затруднения:

Не нашла в таблицах teamId (принадлежность игрока к определенной команде), делала по awayTeamName. Удалось получить таблицу, где для каждого питчера показана максимальная скорость удара за все сезоны, во время игры на выезде определенной команды.

```
SELECT awayTeamName, max(pitchSpeed) As max_speed, pitcherLastName, pitcherFirstName
FROM (SELECT awayTeamName, pitchSpeed, pitcherLastName, pitcherFirstName
      FROM `bigquery-public-data.baseball.games_wide`
      where pitchSpeed IN (SELECT max(pitchSpeed)
                          FROM `bigquery-public-data.baseball.games_wide`
                          group by awayTeamName
                        )
      UNION ALL
      SELECT awayTeamName, pitchSpeed, pitcherLastName, pitcherFirstName
      FROM `bigquery-public-data.baseball.games_post_wide`
      where pitchSpeed IN (SELECT max(pitchSpeed)
                          FROM `bigquery-public-data.baseball.games_post_wide`
                          group by awayTeamName
                        ))
group by awayTeamName, pitcherLastName, pitcherFirstName
order by awayTeamName
;
Результат:
```

Query results

<	JOB INFORMATION	RESULTS	JSON	EXECUTION DETAILS	EXECUTION GRAPH	PREVIEW
Row	awayTeamName	max_speed	pitcherLastName	pitcherFirstName		
1	Angels	101	Caminero	Arquimedes		
2	Angels	101	Diaz	Edwin		
3	Angels	100	Paxton	James		
4	Angels	103	Chapman	Albertin		
5	Astros	101	Giles	Kenneth		
6	Astros	100	Diaz	Edwin		
7	Astros	102	Caminero	Arquimedes		
8	Astros	100	Ramirez	Juan		
9	Astros	100	Rondon	Bruce		
10	Astros	100	Eovaldi	Nathan		
11	Athletics	101	Caminero	Arquimedes		
12	Athletics	100	Diaz	Edwin		
13	Athletics	101	Bush	Matthew		
14	Athletics	100	Giles	Kenneth		
15	Athletics	100	Ventura	Yordano		
16	Blue Jays	910	Happ	James		
17	Blue Jays	99	Bush	Matthew		
18	Blue Jays	100	Estevez	Carlos		

Load more

Далее, на мой взгляд, необходимо код выше сделать подзапросом, и снова найти максимальную скорость и сгруппировать по командам.

Примерно так:

```
SELECT awayTeamName, max_speed, pitcherLastName, pitcherFirstName

From (SELECT awayTeamName, max(pitchSpeed) As max speed, pitcherLastName, pitcherFirstName
```

```

FROM (SELECT awayTeamName, pitchSpeed, pitcherLastName, pitcherFirstName
      FROM `bigquery-public-data.baseball.games_wide`
      where pitchSpeed IN (SELECT max(pitchSpeed)
                           FROM `bigquery-public-data.baseball.games_wide`
                           group by awayTeamName
                           )
      )
UNION ALL
SELECT awayTeamName, pitchSpeed, pitcherLastName, pitcherFirstName
      FROM `bigquery-public-data.baseball.games_post_wide`
      where pitchSpeed IN (SELECT max(pitchSpeed)
                           FROM `bigquery-public-data.baseball.games_post_wide`
                           group by awayTeamName
                           ))
      group by awayTeamName, pitcherLastName, pitcherFirstName
) As subquery
Where max_speed = (Select max(max_speed) FROM subquery
                  group by awayTeamName)
order by awayTeamName
;

```

Если не выводить имена: получаем максимальную скорость броска для каждой команды на выезде.

```

SELECT awayTeamName, max(pitchSpeed) as max_speed
From (SELECT awayTeamName, pitchSpeed
      FROM `bigquery-public-data.baseball.games_wide`
      UNION ALL
      SELECT awayTeamName, pitchSpeed
      FROM `bigquery-public-data.baseball.games_post_wide`)
group by awayTeamName
order by awayTeamName;

```

Query results		
JOB INFORMATION		RESULTS
JSON		EXECUTION DETAILS
EXECUTION GRAPH		PREVIEW
Row	awayTeamName	max_speed
1	Angels	103
2	Astros	102
3	Athletics	101
4	Blue Jays	910
5	Braves	103
6	Brewers	103
7	Cardinals	104
8	Cubs	104
9	Diamondbacks	100
10	Dodgers	103
11	Giants	104
12	Indians	103
13	Mariners	101
14	Marlins	104
15	Mets	101
16	National League	100
17	Nationals	102
18	Orioles	105
19	Padres	102
20	Phillies	102
21	Pirates	104

Results |