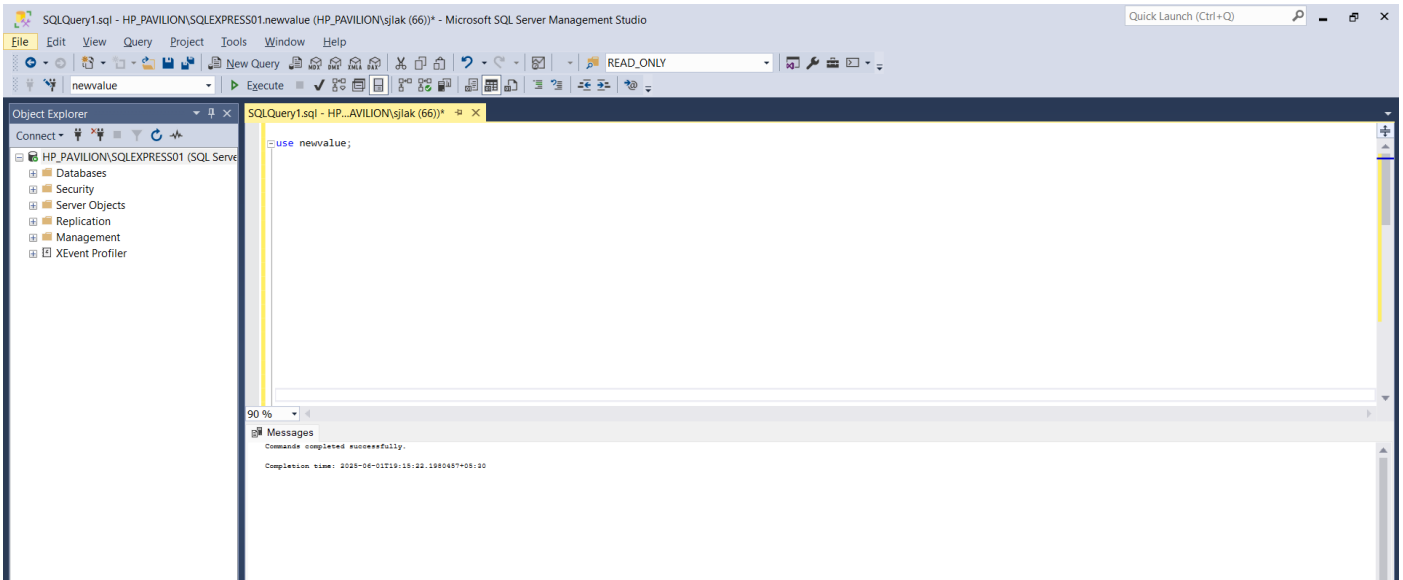


Day 1 (29-5-25)

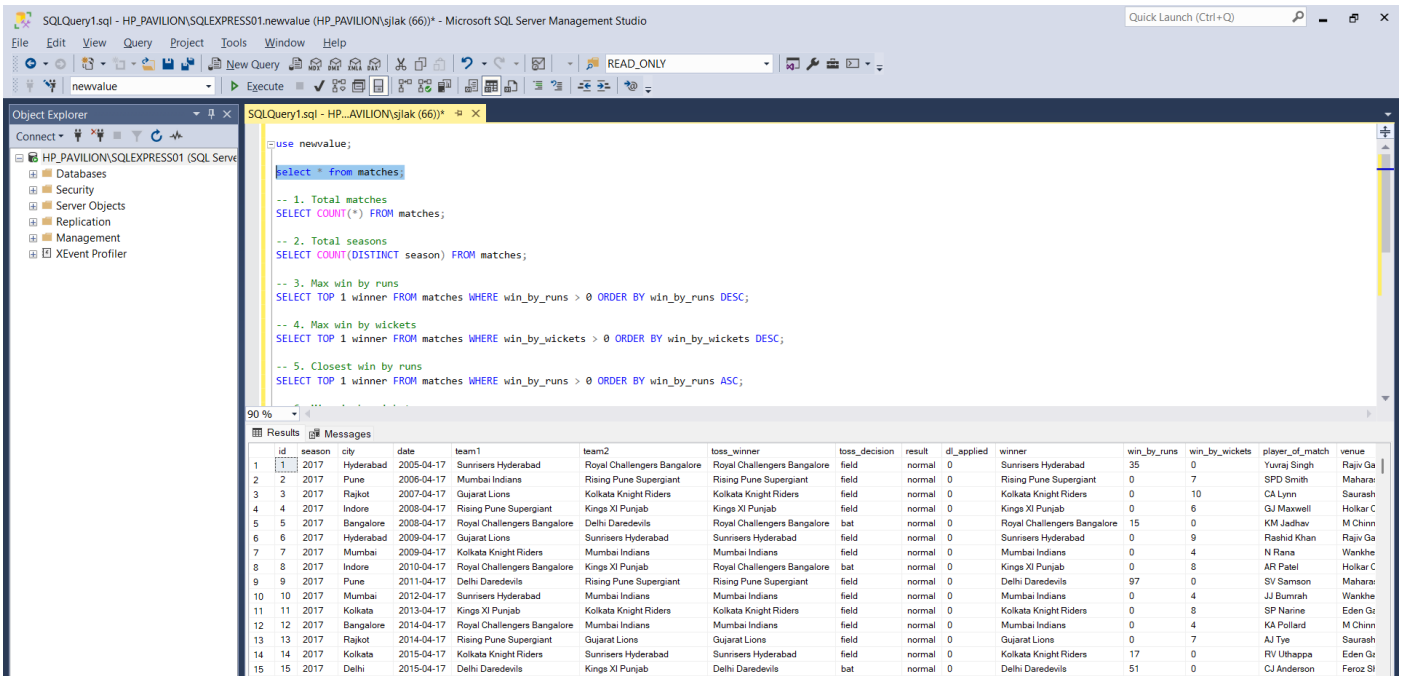
Assignment – 1

IPL Datasets

Creating Database as newvalue,

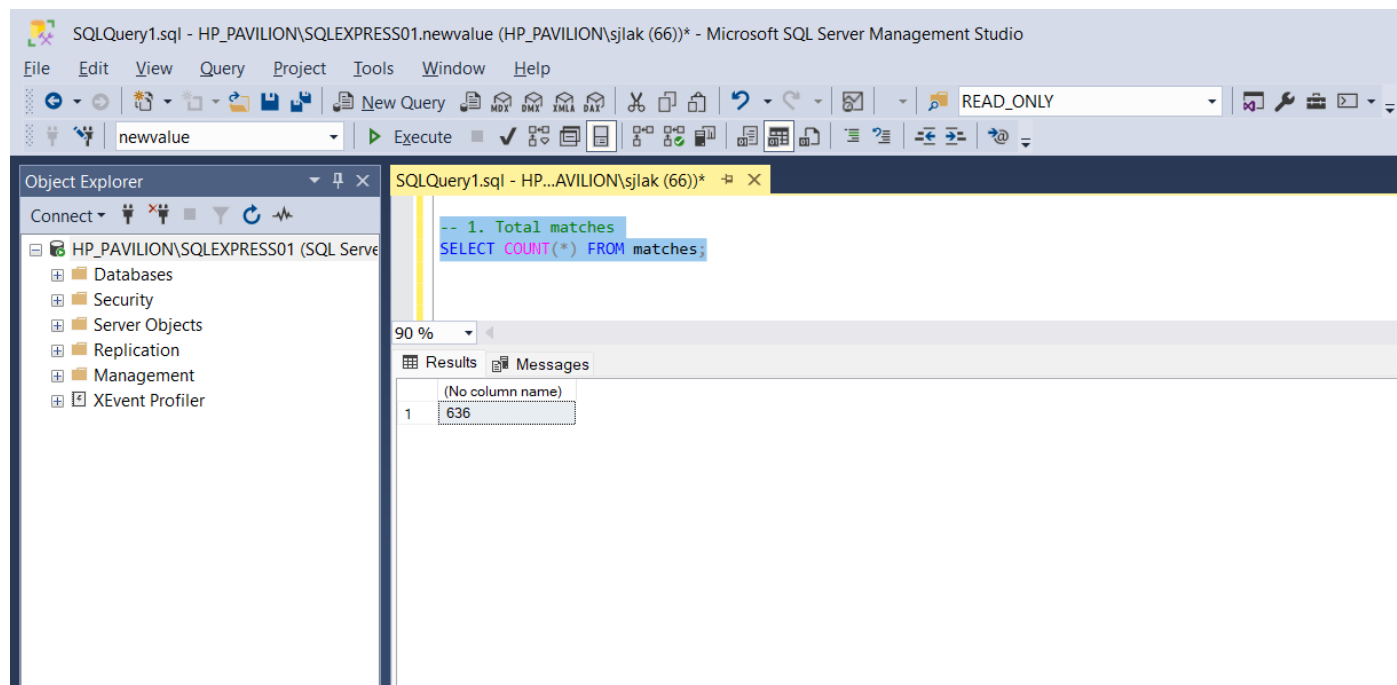


Checking Whether all the datas are properly viewing,



-- 1. Total matches

SELECT COUNT(\*) FROM matches;



The screenshot shows the Microsoft SQL Server Management Studio interface. The title bar indicates the file is 'SQLQuery1.sql' located at 'HP\_PAVILION\SQLEXPRESS01.newvalue (HP\_PAVILION\sjlak (66))\*'. The menu bar includes File, Edit, View, Query, Project, Tools, Window, and Help. The toolbar contains various icons for file operations, query execution, and formatting. The 'Object Explorer' on the left shows the server structure for 'HP\_PAVILION\SQLEXPRESS01 (SQL Server)', including Databases, Security, Server Objects, Replication, Management, and XEvent Profiler. The main query editor displays the following SQL code:

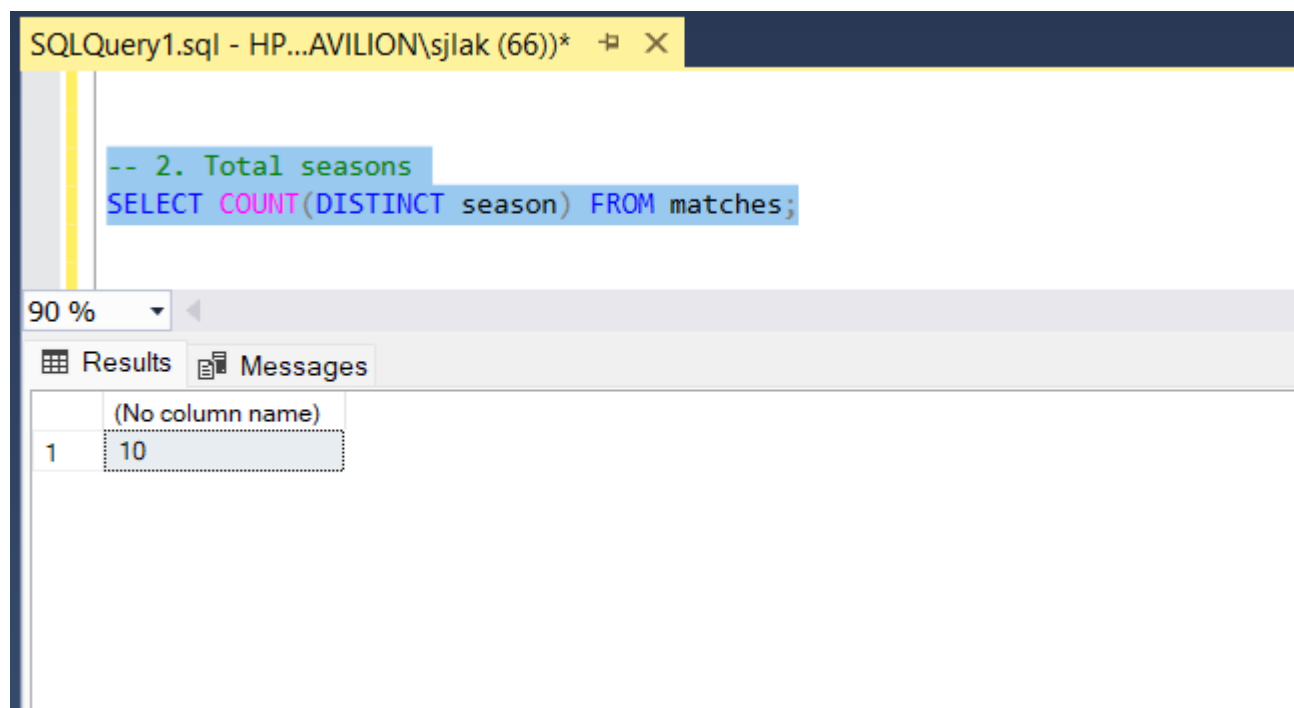
```
-- 1. Total matches
SELECT COUNT(*) FROM matches;
```

The 'Results' pane at the bottom shows a single row of data:

	(No column name)
1	636

-- 2. Total seasons

SELECT COUNT(DISTINCT season) FROM matches;



The screenshot shows the Microsoft SQL Server Management Studio interface. The title bar indicates the file is 'SQLQuery1.sql' located at 'HP...AVILION\sjlak (66))\*'. The menu bar includes File, Edit, View, Query, Project, Tools, Window, and Help. The toolbar contains various icons for file operations, query execution, and formatting. The 'Object Explorer' on the left shows the server structure for 'HP\_PAVILION\SQLEXPRESS01 (SQL Server)', including Databases, Security, Server Objects, Replication, Management, and XEvent Profiler. The main query editor displays the following SQL code:

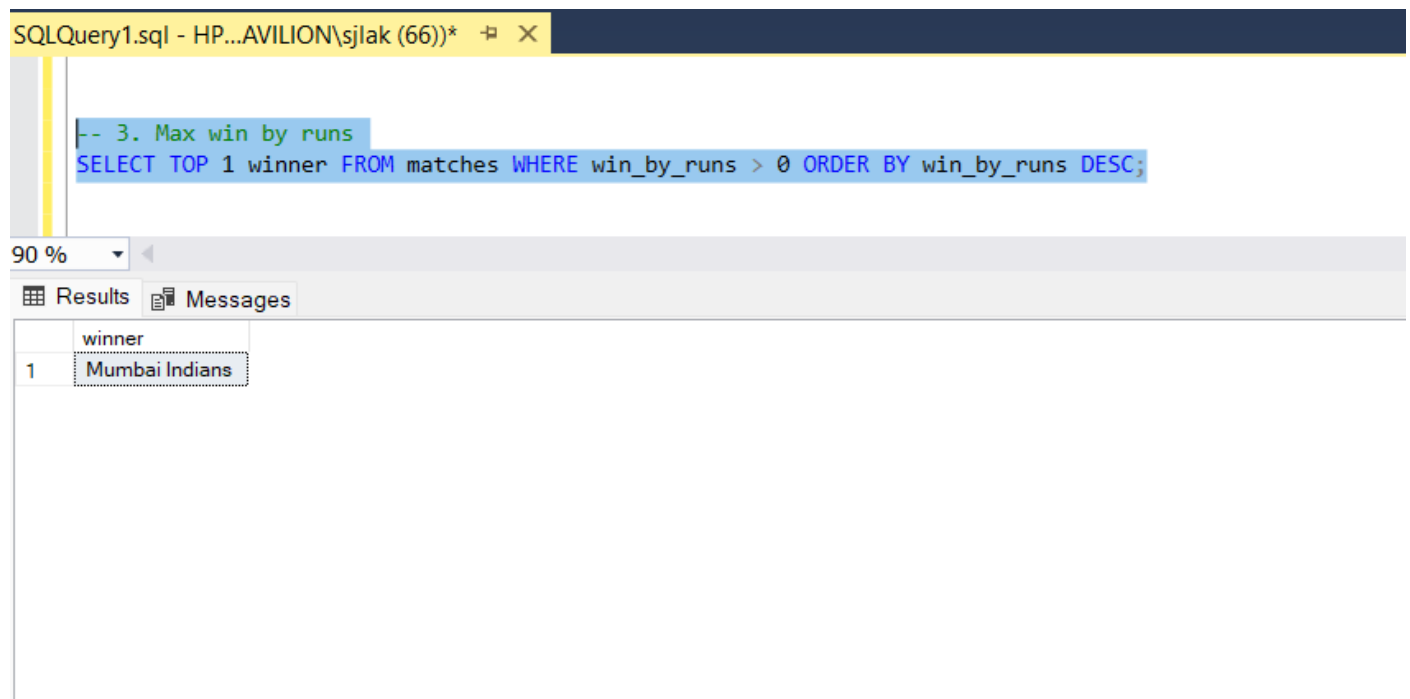
```
-- 2. Total seasons
SELECT COUNT(DISTINCT season) FROM matches;
```

The 'Results' pane at the bottom shows a single row of data:

	(No column name)
1	10

-- 3. Max win by runs

SELECT TOP 1 winner FROM matches WHERE win\_by\_runs > 0 ORDER BY win\_by\_runs  
DESC;



The screenshot shows a SQL Server Enterprise Manager window titled "SQLQuery1.sql - HP...AVILION\sjlak (66))\*". The query editor contains the following SQL code:

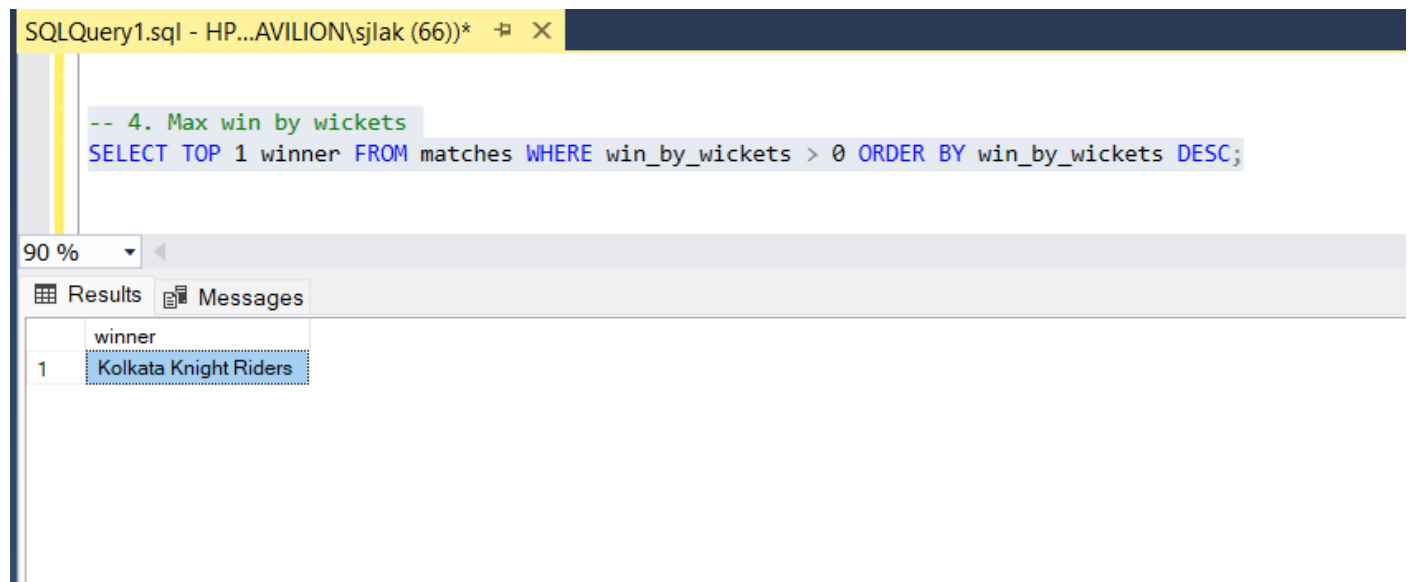
```
-- 3. Max win by runs
SELECT TOP 1 winner FROM matches WHERE win_by_runs > 0 ORDER BY win_by_runs DESC;
```

Below the query editor, the "Results" tab is active, displaying a table with one row and one column:

	winner
1	Mumbai Indians

-- 4. Max win by wickets

SELECT TOP 1 winner FROM matches WHERE win\_by\_wickets > 0 ORDER BY  
win\_by\_wickets DESC;



The screenshot shows a SQL Server Enterprise Manager window titled "SQLQuery1.sql - HP...AVILION\sjlak (66))\*". The query editor contains the following SQL code:

```
-- 4. Max win by wickets
SELECT TOP 1 winner FROM matches WHERE win_by_wickets > 0 ORDER BY win_by_wickets DESC;
```

Below the query editor, the "Results" tab is active, displaying a table with one row and one column:

	winner
1	Kolkata Knight Riders

-- 5. Closest win by runs

SELECT TOP 1 winner FROM matches WHERE win\_by\_runs > 0 ORDER BY win\_by\_runs ASC;

The screenshot shows a SQL Server Enterprise Manager window titled 'SQLQuery1.sql - HP...AVILION\sjlak (66))\*'. The query editor contains the following SQL code:

```
-- 5. Closest win by runs
SELECT TOP 1 winner FROM matches WHERE win_by_runs > 0 ORDER BY win_by_runs ASC;
```

Below the query editor, the 'Results' tab is active, displaying a table with one row and one column:

	winner
1	Mumbai Indians

-- 6. Min win by wickets

SELECT TOP 1 winner FROM matches WHERE win\_by\_wickets > 0 ORDER BY win\_by\_wickets ASC;

The screenshot shows a SQL Server Enterprise Manager window titled 'SQLQuery1.sql - HP...AVILION\sjlak (66))\*'. The query editor contains the following SQL code:

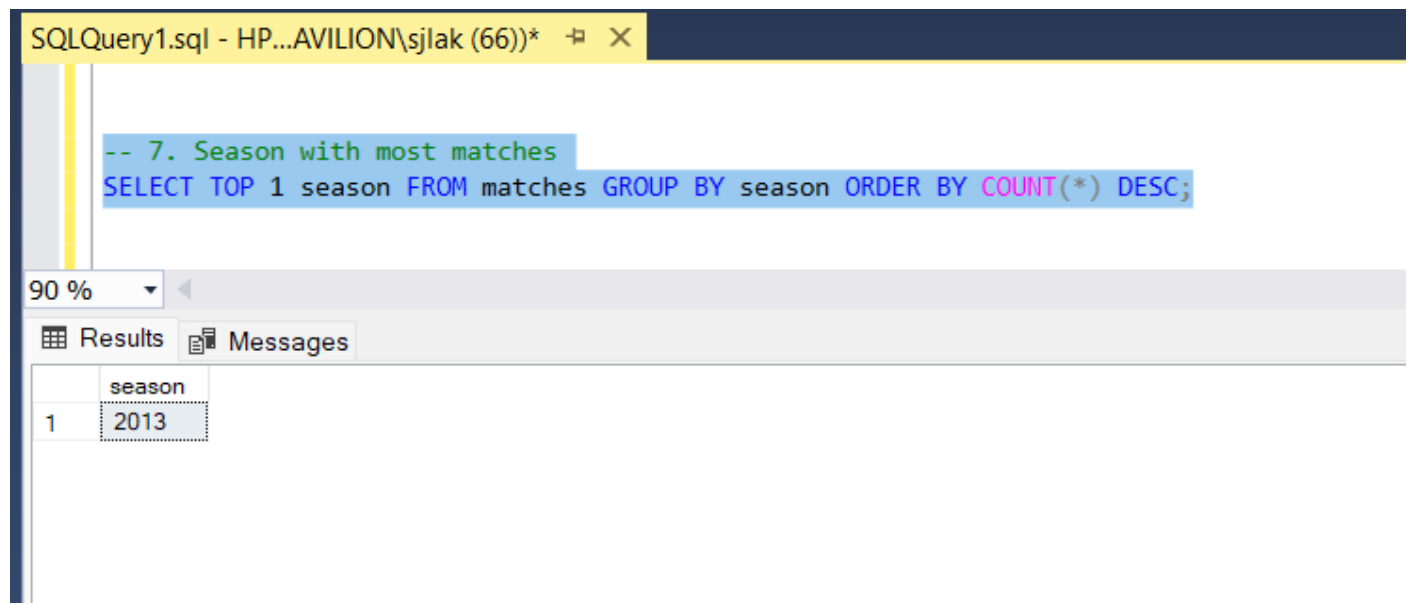
```
-- 6. Min win by wickets
SELECT TOP 1 winner FROM matches WHERE win_by_wickets > 0 ORDER BY win_by_wickets ASC;
```

Below the query editor, the 'Results' tab is active, displaying a table with one row and one column:

	winner
1	Kolkata Knight Riders

-- 7. Season with most matches

SELECT TOP 1 season FROM matches GROUP BY season ORDER BY COUNT(\*) DESC;



The screenshot shows a SQL Server Enterprise Manager window titled "SQLQuery1.sql - HP...AVILION\sjlak (66))\*". The query editor contains the following SQL code:

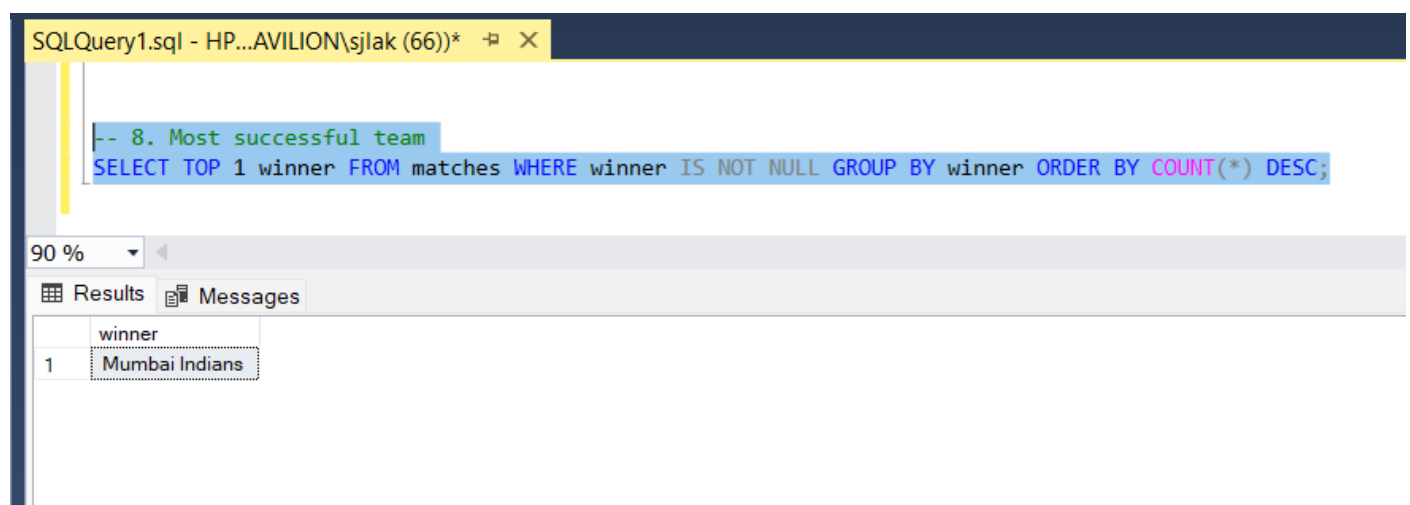
```
-- 7. Season with most matches
SELECT TOP 1 season FROM matches GROUP BY season ORDER BY COUNT(*) DESC;
```

Below the query editor, the "Results" tab is active, displaying a table with one row and one column:

season
2013

-- 8. Most successful team

SELECT TOP 1 winner FROM matches WHERE winner IS NOT NULL GROUP BY winner ORDER BY COUNT(\*) DESC;



The screenshot shows a SQL Server Enterprise Manager window titled "SQLQuery1.sql - HP...AVILION\sjlak (66))\*". The query editor contains the following SQL code:

```
-- 8. Most successful team
SELECT TOP 1 winner FROM matches WHERE winner IS NOT NULL GROUP BY winner ORDER BY COUNT(*) DESC;
```

Below the query editor, the "Results" tab is active, displaying a table with one row and one column:

winner
Mumbai Indians