

FATİH AKGÜNDÜZ 150117032

2)

The screenshot displays the Microsoft SQL Server Management Studio interface. The title bar indicates the connection is to 'FATİH-PC.TurkishSuperLeague (AzureAD\fatihakgündüz (71))'. The menu bar includes File, Edit, View, Query, Project, Tools, Window, and Help. The toolbar contains various icons for file operations, query execution, and server management. The Object Explorer on the left shows the database structure for 'FATİH-PC (SQL Server 15.0.2)', including Databases, System Databases, Database Snapshots, FA_150117032, TurkishSuperLeague, and various system objects like Tables, Views, and Security. The main query window shows the following SQL code:

```
1 UPDATE Player
2 SET Age = FLOOR(DATEDIFF(day, Birthdate, '2014-07-31') / 365)
```

The Messages pane at the bottom shows the execution results:

```
(516 rows affected)

Completion time: 2021-12-18T16:10:20.7600108+03:00
```

A status bar at the bottom indicates 'Query executed successfully.' and provides details about the server (FATİH-PC (15.0 RTM)), user (AzureAD\fatihakgündüz ...), database (TurkishSuperLeague), and execution time (00:00:00, 0 rows).

3)

SQLQuery3.sql - FATIH-PC.TurkishSuperLeague (AzureAD\fatihagündüz (55))* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

Connect

FATIH-PC (SQL Server 15.0.2080.9)

Databases

System Databases

Database Snapshots

FA_150117032

TurkishSuperLeague

Database Diagrams

Tables

System Tables

FileTables

External Tables

Graph Tables

dbo.Goals

dbo.Match

dbo.Player

dbo.PlayerTeam

dbo.Team

Views

External Resources

Synonyms

Programmability

Service Broker

Storage

Security

Security

Server Objects

Replication

PolyBase

Always On High Availability

Management

Integration Services Catalogs

SQL Server Agent (Agent XPs di

XEvent Profiler

SQLQuery6.sql - FA...fatihagündüz (54))

SQLQuery5.sql - FA...fatihagündüz (52))

SQLQuery4.sql - FA...fatihagündüz (62))

SQLQuery3.sql - FA...fatihagündüz (55))*

```

1 SELECT p.PlayerID, (FirstName + ' ' + LastName) as FullName
2 FROM Player p
3 INNER JOIN PlayerTeam pt ON pt.PlayerID = p.PlayerID
4 INNER JOIN Team t ON t.TeamID = pt.TeamID
5 WHERE (t.Name = 'Beşiktaş') AND
6 (p.FirstName NOT LIKE '%nec%') AND (p.Age < (SELECT AVG(Age) FROM Player));

```

145 %

Results Messages

	PlayerID	FullName
1	7	GÖKHAN TÖRE
2	8	OĞUZHAN ÖZYAKUP
3	10	PEDRO CAMILO FRANCO ULLOA
4	20	İSMAIL KÖYBAŞI
5	22	ÖMER HASAN ŞİŞMANOĞLU
6	23	KERİM KOYUNLU
7	24	MUHAMMED DEMİRCİ
8	26	BRUNO FERREIRA BONFIM
9	31	EMRE TALİ
10	33	GÜNAY GÜVENÇ

Query executed successfully.

FATIH-PC (15.0 RTM) AzureAD\fatihagündüz ... TurkishSuperLeague 00:00:00 10 rows

Ready Ln 6 Col 76 Ch 76 INS

4)

The screenshot displays the Microsoft SQL Server Management Studio (SSMS) interface. The title bar indicates the connection is to 'SQLQuery2.sql - FATIH-PC.TurkishSuperLeague (AzureAD\fatihakgündüz (70))* - Microsoft SQL Server Management Studio'. The menu bar includes File, Edit, View, Query, Project, Tools, Window, and Help. The toolbar contains various icons for file operations, query execution, and window management. The 'Object Explorer' on the left shows the database structure for 'FATIH-PC (SQL Serv...)', including Databases, Tables, Views, and Security. The main query editor shows a T-SQL script for updating the 'Team' table. The script uses subqueries to calculate the number of players and goals for each team in the '13-14' season, excluding own goals. The 'Messages' pane at the bottom shows that 18 rows were affected and the completion time was 2021-12-19T19:04:58.5607331+03:00. The status bar at the bottom indicates 'Query executed successfully.' and shows the current position in the query (Ln 13, Col 17, Ch 17, INS).

```
1 UPDATE Team
2 SET City = City + '#p' + (SELECT CONVERT(nvarchar(3), (SELECT COUNT(pt.PlayerID)
3 FROM PlayerTeam pt
4 WHERE pt.TeamID = Team.TeamID
5 GROUP BY pt.TeamID))) + '#g' + (SELECT CONVERT(nvarchar(3), COUNT(g.MatchID)) TeamGoals
6 FROM Goals g
7 JOIN [dbo].[Match] m ON m.MatchID = g.MatchID
8 JOIN PlayerTeam pt ON g.PlayerID = pt.PlayerID
9 WHERE ( Season = '13-14' AND
10 (HomeTeamID = Team.TeamID OR VisitingTeamID = Team.TeamID)) AND
11 ((IsOwnGoal = '0' AND pt.TeamID = Team.TeamID) OR
12 (IsOwnGoal = '1' AND pt.TeamID != Team.TeamID ))
13 GROUP BY Season)
```

(18 rows affected)

Completion time: 2021-12-19T19:04:58.5607331+03:00

Query executed successfully.

Fatih-PC (15.0 RTM) | AzureAD\fatihakgündüz ... | TurkishSuperLeague | 00:00:00 | 0 rows

5)

SQLQuery29.sql - FATIH-PC.TurkishSuperLeague (AzureAD\fatihagündüz (71))* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

Connect

FATIH-PC (SQL Server 15.0.)

- Databases
 - System Databases
 - Database Snapshots
 - FA_150117032
 - TurkishSuperLeague
 - Database Diagram
 - Tables
 - System Tables
 - FileTables
 - External Tables
 - Graph Tables
 - dbo.Goals
 - dbo.Match
 - dbo.Player
 - dbo.PlayerTeam
 - dbo.Team
 - Views
 - External Resources
 - Synonyms
 - Programmability
 - Service Broker
 - Storage
 - Security
 - Security
 - Server Objects
 - Replication
 - PolyBase
 - Always On High Availab
 - Management
 - Integration Services Cata
 - SQL Server Agent (Agen
 - XEvent Profiler

SQLQuery29.sql - F...fatihagündüz (71))*

```
1 SELECT TOP(10) p.PlayerID, p.FirstName, p.LastName,  
2 COUNT(p.PlayerID) as NumberOfGoals, COUNT(p.PlayerID) / 34.0 as 'AvgGoalPerMatch'  
3 FROM Goals g  
4 JOIN Player p ON p.PlayerID = g.PlayerID  
5 WHERE IsOwnGoal = '0'  
6 GROUP BY p.PlayerID, p.FirstName, p.LastName  
7 ORDER BY NumberOfGoals DESC;  
8
```

145 %

Results Messages

	PlayerID	FirstName	LastName	NumberOfGoals	AvgGoalPerMatch
1	453	AATIF	CHAHECHOUHE	18	0.529411
2	60	BURAK	YILMAZ	16	0.470588
3	346	EZEQUIEL OSCAR	SCARIONE	16	0.470588
4	38	MOUSSA	SOW	15	0.441176
5	482	THEOFANIS	GKEKAS	14	0.411764
6	296	SORIN BOGDAN	STANCU	13	0.382352
7	5	HUGO MIGUEL	PEREIRA DE ALMEIDA	13	0.382352
8	99	PAULO HENRIQUE	CARNEIRO FILHO	13	0.382352
9	268	CENK	TOSUN	13	0.382352
10	454	BURHAN	EŞER	12	0.352941

Query executed successfully.

FATIH-PC (15.0 RTM) AzureAD\fatihagündüz ... TurkishSuperLeague 00:00:00 10 rows

Ready Ln 7 Col 29 Ch 29 INS