

## SQL Sorguları

SparkSession ile SQL sorguları geliştirebiliriz. Bu sorgular bize Dataset objesi olarak döner

```
import org.apache.spark.sql.SparkSession

object SparkSQL {
  def main(args: Array[String]): Unit = {

    val spark = SparkSession.builder.master("local").
      appName("SparkByExample")
      .getOrCreate()

    val df =
      spark.read.json("/Users/serkan/Desktop/Training/ApacheSpark/peoplejson/people.json")
    );

    df.createOrReplaceTempView("people")

    val countDF = spark.sql("Select * from people limit 10");

    countDF.show()

  }
}
```

## Ornek groupBy sorgusu

```
import org.apache.spark.sql.SparkSession

object SparkSQLGroupBy {
  def main(args: Array[String]): Unit = {

    val spark = SparkSession.builder.master("local").
      appName("SparkByExample")
      .getOrCreate()

    val df =
spark.read.json("/Users/serkan/Desktop/Training/ApacheSpark/people
lejson/people.json");

    df.createOrReplaceTempView("people")

    val countDF = spark.sql("Select city,count(1) from people
group by city order by city");

    countDF.show()

  }
}
```