Tavsiye motoru

```
import org.apache.spark.ml.recommendation.ALS
import org.apache.spark.sql.{Encoders, SaveMode, SparkSession}

import java.io.File
import java.util.Properties


private case class Rating(userId:Int, movieId:Int, rating:Double)


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

   val movieLensHomeDir = "/Users/serkan/Desktop/Course/Spark/data"
   val spark = SparkSession.builder.master("local").appName("MovieRec")
     .getOrCreate()
   import spark.implicits._

   val ratings = spark.sparkContext.textFile(new File(movieLensHomeDir,
"ratings.csv").toString).map { line =>
     val fields = line.split(",")
      //Rating(userId, movieId, rating))
     (Rating(fields(0).toInt, fields(1).toInt, fields(2).toDouble))
   }

   println("Rating : " + ratings.count())

   val splits = ratings.randomSplit(Array(0.8, 0.2))
   val training = splits(0).toDF()

   val als = new ALS()
     .setUserCol("userId")
     .setItemCol("movieId")
     .setRatingCol("rating")

   val model = als.fit(training)

   val recommendation = model.recommendForAllUsers(5)
   recommendation.foreach(row => {
     println(row)
   })

 }
}
```