EvenNumberStats.scala

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

object EvenNumberStats {
  def main(args: Array[String]): Unit = {
    if (args.length < 1) {
      System.err.println("Usage: EvenNumberStats <numbers.txt>")
      System.exit(1)
    }

    val spark = SparkSession.builder
      .appName("EvenNumberStats")
      .master("local[*]") // Runs locally using all cores
      .getOrCreate()

    val sc = spark.sparkContext
    val inputFile = args(0)

    val numbersRDD = sc.textFile(inputFile)
      .flatMap(line => line.split("\\s+")) // Split numbers on whitespace
      .map(_.toInt)

    val evenNumbers = numbersRDD.filter(_ % 2 == 0)

    val sum = evenNumbers.sum()
    val count = evenNumbers.count()

    println(s"Total Even Numbers: $count")
    println(s"Sum of Even Numbers: $sum")
```

```
    spark.stop()

  }

}
```

---

numbers.txt

```
10 15 20 25 30 35 40 45 50
5 7 8 12 14 17 19 22
```

<u>Output:</u>

```
Total Even Numbers: 9
Sum of Even Numbers: 206
```