

#Task 5: Implement Total Spent by Customer with DataFrames

```
from pyspark.sql import SparkSession
```

```
spark = SparkSession.builder.appName("Total Spent").getOrCreate()
```

```
# Sample data
```

```
data = [("Customer1", 100), ("Customer2", 200), ("Customer1", 50)]
```

```
columns = ["Customer", "Amount"]
```

```
df = spark.createDataFrame(data, columns)
```

```
# Calculate total spent
```

```
total_spent = df.groupBy("Customer").sum("Amount").withColumnRenamed("sum(Amount)", "Total Spent")
```

```
total_spent.show()
```

```
spark.stop()
```

```
↔
```

Customer	Total Spent
Customer1	150
Customer2	200

Start coding or [generate](#) with AI.

