Task 6

Notebook:

JDBC data source

```
jdbcDF = spark.read \
    .format("jdbc") \
    .option("url", "jdbc:mysql://54.191.184.142:3306") \
    .option("dbtable", "blockchain.miner") \
    .option("user", "spark") \
    .option("password", "spark") \
    .load()
```

JDBC data sink

```
filteredDF.write \
    .jdbc("jdbc:mysql://54.191.184.142:3306", "blockchain.miner2", mode="append",
properties={"user": "spark", "password": "spark"})
```

Note: Install MYSQL Driver

https://stackoverflow.com/questions/18128966/where-is-the-mysql-jdbc-jar-file-in-ubuntu