Spring Boot Batch : CsvToMySQL Example

name : SpringBoot2BatchCsvToMySQLEx
Dep : Batch, lombok, MySQL

1. Model class
2. Processor class
3. Listener class
4. BatchConfig***
5. Runner class
6. proeprties file
===
*) Job Repository : it is a memory(Database tables)
   that holds executed Job details.

=> To inform Batch API to create table for additional information
   add key:
            spring.batch.initialize-schema=always

===
BeanWrapper   = create obejct
FieldSetMapper = use variables set method to provide data

BeanProperty   = object variable
ItemSqlParameter = SQL Parameter data
SourceProvider   = Read data from

  Read data from Object variable and give it to SQL Parameters
  as input data.

Ex:
List<String> al = new ArrayList<String>();
// Type inference for Collections
List<String> al = new ArrayList<>();

--MySQLDB Cmds---
Drop database boot9am;
Create database boot9am;
Use boot9am;
CREATE TABLE PRODUCTS(PID INT,PNAME VARCHAR(20),PAMT DOUBLE,
   PGST DOUBLE, PDISC DOUBLE);

INSERT INTO PRODUCTS(PID,PNAME,PAMT,PGST, PDISC)
VALUES(:prodId,:prodCode,:prodCost,:prodGst,:prodDiscount);

*) When we start Batch Example, then it is executed twice.Why?
   One time by starter class on startup
   and another one by our Runner class.

=> We want to inform, hey! starter please dont run Batch API.

Execute when runner is started.

So, add key:
    spring.batch.job.enabled=false

https://github.com/javabyraghu/SpringBoot2BatchMySQLToCsvFile
https://github.com/javabyraghu/SpringBoot2BatchCsvToXmlEx
https://github.com/javabyraghu/SpringBoot2BatchCsvToMySQLJpaEx
https://github.com/javabyraghu/SpringBoot2BatchCsvToMongoDb
https://github.com/javabyraghu/SpringBootBatchCsvToMySQL