

Script de création de la base de données :

Database.py

```
def create_db(self):
    """
    ... Create the self.db_name database & insert tables.
    ...
    ... None.
    ... """
    ... self.con()
    ... self.cur.execute("CREATE DATABASE IF NOT EXISTS" + self.db_name)
    ... self.cur.execute("USE" + self.db_name)

    ... for table in self.table:
    ...     self.cur.execute(table)
```

Constants.py

```
table_category_product = """
..... CREATE TABLE IF NOT EXISTS category_product (
.....     id INT AUTO_INCREMENT,
.....     category_name VARCHAR(255),
.....     PRIMARY KEY (id)
..... );
..... """

table_db_product = """
..... CREATE TABLE IF NOT EXISTS db_product (
.....     id SMALLINT UNSIGNED AUTO_INCREMENT,
.....     category_id INT,
.....     code VARCHAR(13),
.....     brands VARCHAR(100),
.....     product_name_fr VARCHAR(200),
.....     nutrition_grades CHAR(1),
.....     stores VARCHAR(200),
.....     url VARCHAR(300),
.....     PRIMARY KEY (id),
.....     CONSTRAINT fk_sub_id FOREIGN KEY (
.....         category_id) REFERENCES category_product(id)
..... );
..... """

table_history_product = """
..... CREATE TABLE IF NOT EXISTS history_product (
.....     id SMALLINT UNSIGNED AUTO_INCREMENT,
.....     product_id varchar(10),
.....     replace_id varchar(10),
.....     date_creation TIMESTAMP NULL DEFAULT CURRENT_TIMESTAMP,
.....     PRIMARY KEY(id)
..... );
..... """

table = (table_category_product, table_db_product, table_history_product)
```