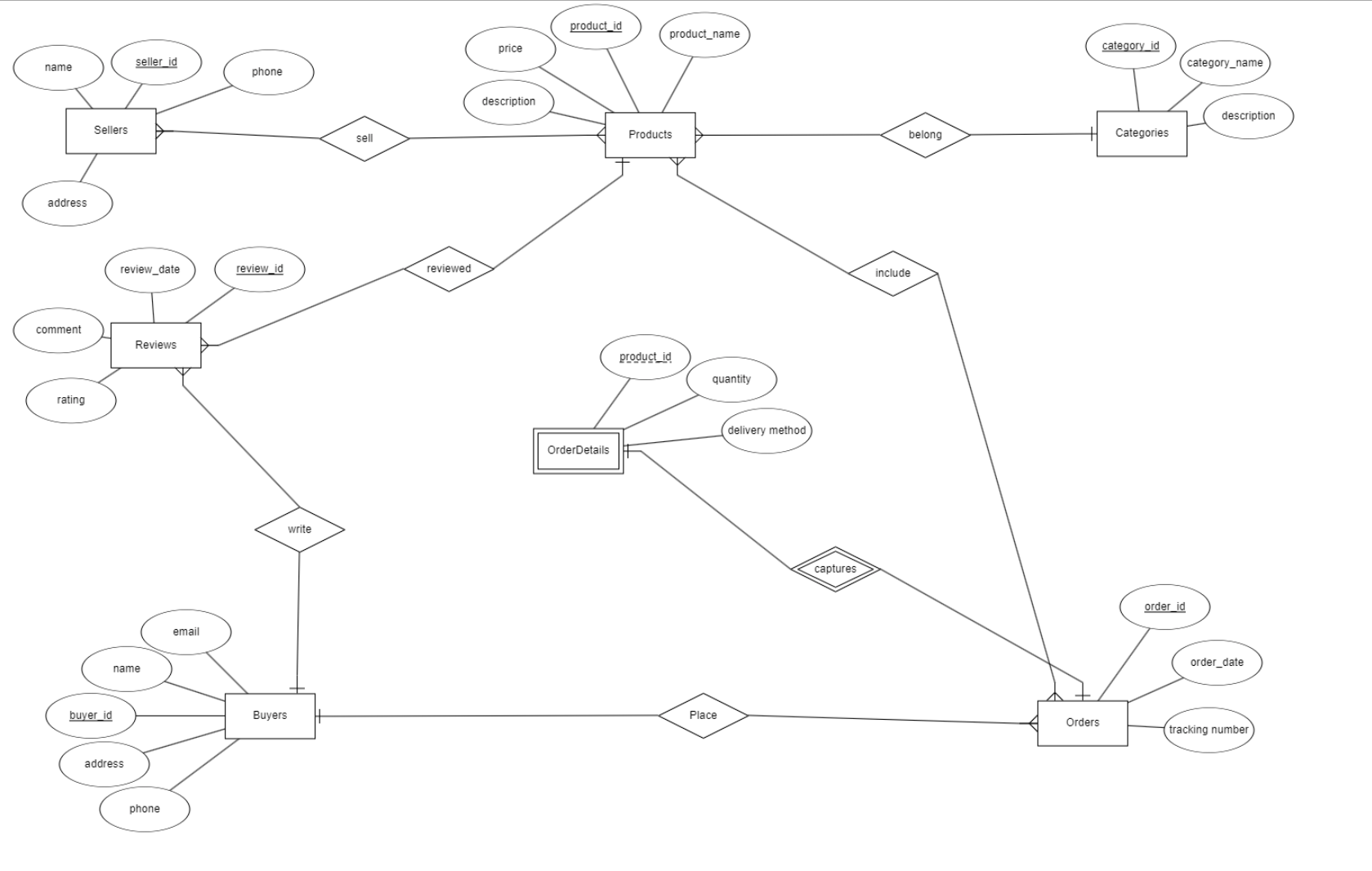
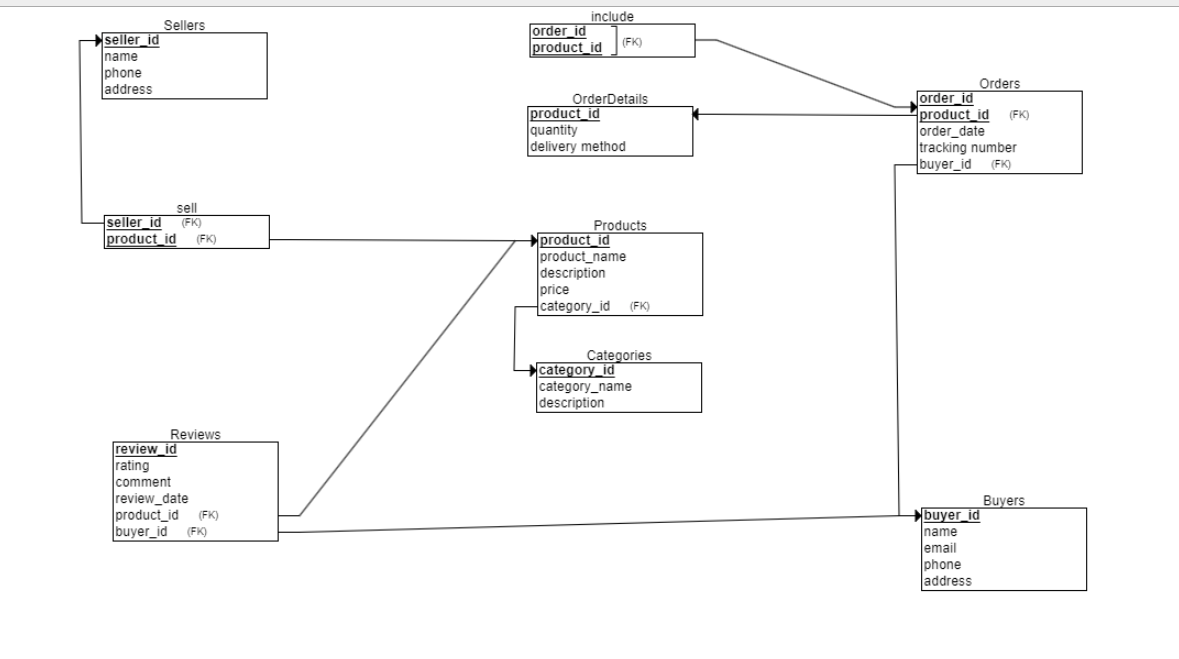
טבלאות





יצירת טבלאות

CREATE TABLE Sellers (

name VARCHAR2(20) NOT NULL, *-- Changed INT to VARCHAR2(20) for name*

seller\_id INT NOT NULL,

phone VARCHAR2(20) NOT NULL, *-- Changed INT to VARCHAR2(20) for phone numbers*

address VARCHAR2(200) NOT NULL, *-- Changed INT to VARCHAR2(200) for address*

PRIMARY KEY (seller\_id)

);

CREATE TABLE Categories (

category\_id INT NOT NULL,

category\_name VARCHAR2(200) NOT NULL, *-- Changed INT to VARCHAR2(200) for category name*

description VARCHAR2(2000), *-- Changed INT to VARCHAR2(2000) for description (optional)*

PRIMARY KEY (category\_id)

);

CREATE TABLE OrderDetails (

product\_id INT NOT NULL,

quantity INT NOT NULL,

delivery\_method VARCHAR2(20) NOT NULL,

PRIMARY KEY (product\_id)

);

CREATE TABLE Buyers (

buyer\_id INT NOT NULL,

name VARCHAR2(200) NOT NULL, *-- Changed INT to VARCHAR2(200) for name*

email VARCHAR2(255) NOT NULL, *-- Changed INT to VARCHAR2(255) for email*

phone VARCHAR2(20) NOT NULL, *-- Changed INT to VARCHAR2(20) for phone number*

address VARCHAR2(200) NOT NULL, *-- Changed INT to VARCHAR2(200) for address*

PRIMARY KEY (buyer\_id)

);

CREATE TABLE Products (

product\_id INT NOT NULL,

product\_name VARCHAR2(200) NOT NULL, *-- Changed INT to VARCHAR2(200) for product name*

description VARCHAR2(2000), *-- Changed INT to VARCHAR2(2000) for description (optional)*

price NUMBER(10,2) NOT NULL, *-- Use NUMBER for price with precision (10) and scale (2)*

category\_id INT NOT NULL,

PRIMARY KEY (product\_id),

FOREIGN KEY (category\_id) REFERENCES Categories(category\_id)

);

CREATE TABLE Orders (

order\_id INT NOT NULL,

order\_date DATE NOT NULL, *-- Use DATE for date*

tracking\_number VARCHAR2(20) NOT NULL,

product\_id INT NOT NULL,

buyer\_id INT NOT NULL,

PRIMARY KEY (order\_id, product\_id),

FOREIGN KEY (product\_id) REFERENCES OrderDetails(product\_id),

FOREIGN KEY (buyer\_id) REFERENCES Buyers(buyer\_id)

);

CREATE TABLE Reviews (

review\_id INT NOT NULL,

rating NUMBER(10,1), *-- Use NUMBER for rating with precision (10) and scale (1)*

comment\_text VARCHAR2(2000), *-- Changed INT to VARCHAR2(2000) for comment*

review\_date DATE NOT NULL, *-- Use DATE for date*

product\_id INT NOT NULL,

buyer\_id INT NOT NULL,

PRIMARY KEY (review\_id),

FOREIGN KEY (product\_id) REFERENCES Products(product\_id),

FOREIGN KEY (buyer\_id) REFERENCES Buyers(buyer\_id)

);

CREATE TABLE sell (

seller\_id INT NOT NULL,

product\_id INT NOT NULL,

PRIMARY KEY (seller\_id, product\_id),

FOREIGN KEY (seller\_id) REFERENCES Sellers(seller\_id),

FOREIGN KEY (product\_id) REFERENCES Products(product\_id)

);

CREATE TABLE include\_products (

order\_id INT NOT NULL,

product\_id INT NOT NULL,

PRIMARY KEY (order\_id, product\_id),

FOREIGN KEY (order\_id, product\_id) REFERENCES Orders(order\_id, product\_id)

);

*-- dropTables.sql*

*-- Drop the tables in the reverse order of their creation to ensure all dependencies are handled properly*

DROP TABLE include\_products CASCADE CONSTRAINTS;

DROP TABLE sell CASCADE CONSTRAINTS;

DROP TABLE Reviews CASCADE CONSTRAINTS;

DROP TABLE Orders CASCADE CONSTRAINTS;

DROP TABLE Products CASCADE CONSTRAINTS;

DROP TABLE Buyers CASCADE CONSTRAINTS;

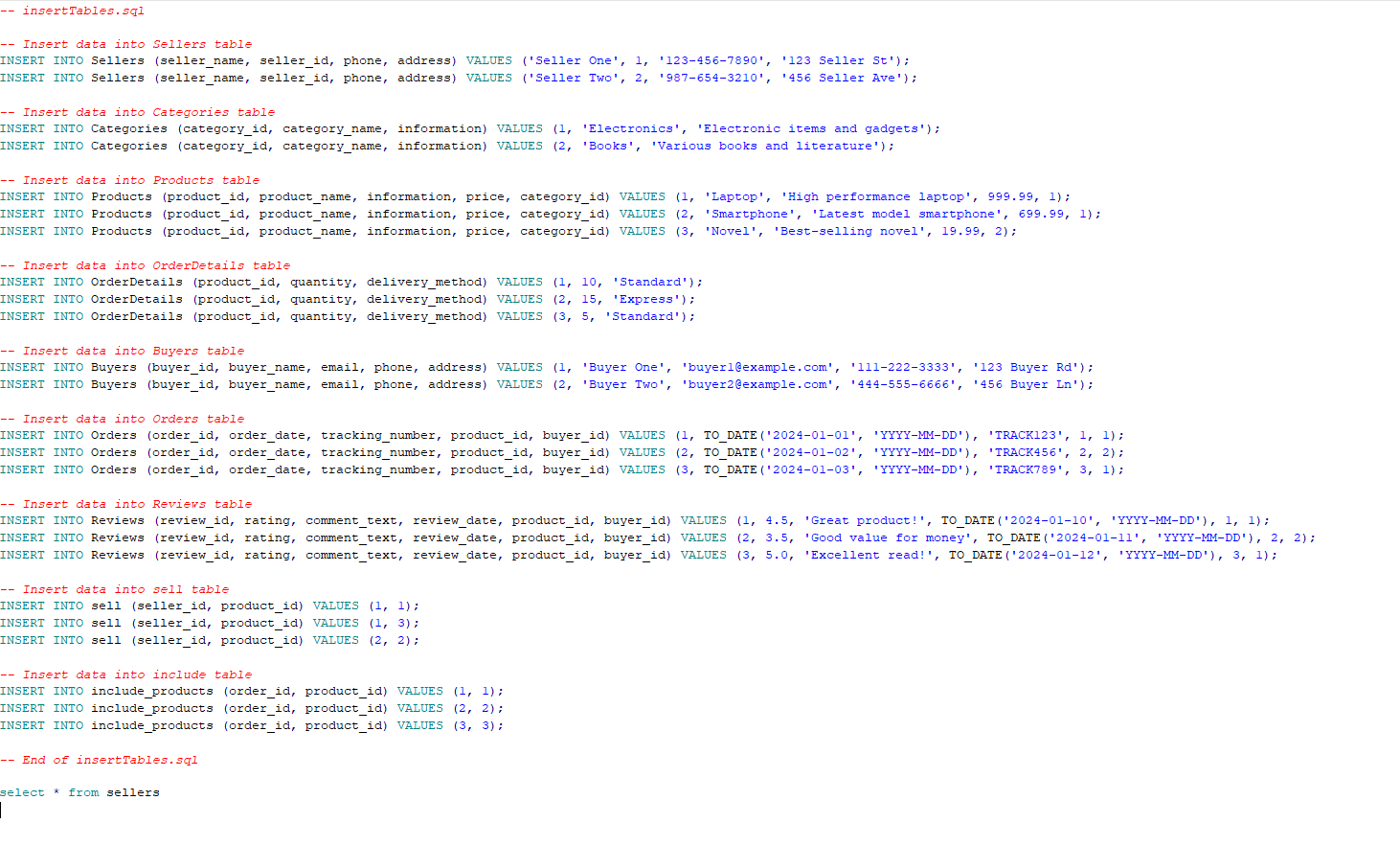
DROP TABLE OrderDetails CASCADE CONSTRAINTS;

DROP TABLE Categories CASCADE CONSTRAINTS;

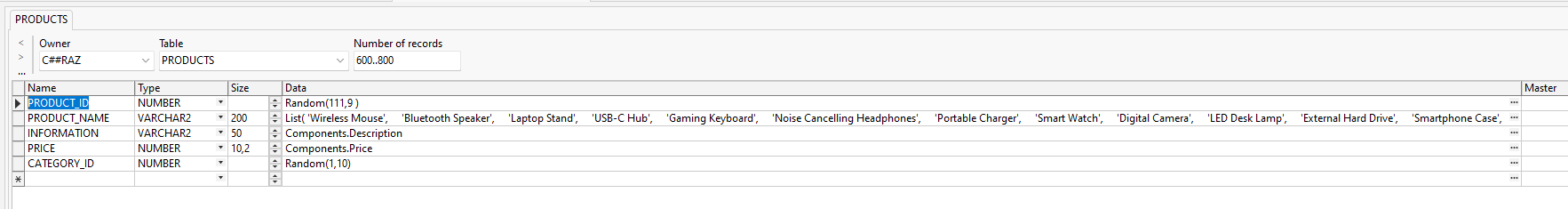
DROP TABLE Sellers CASCADE CONSTRAINTS;

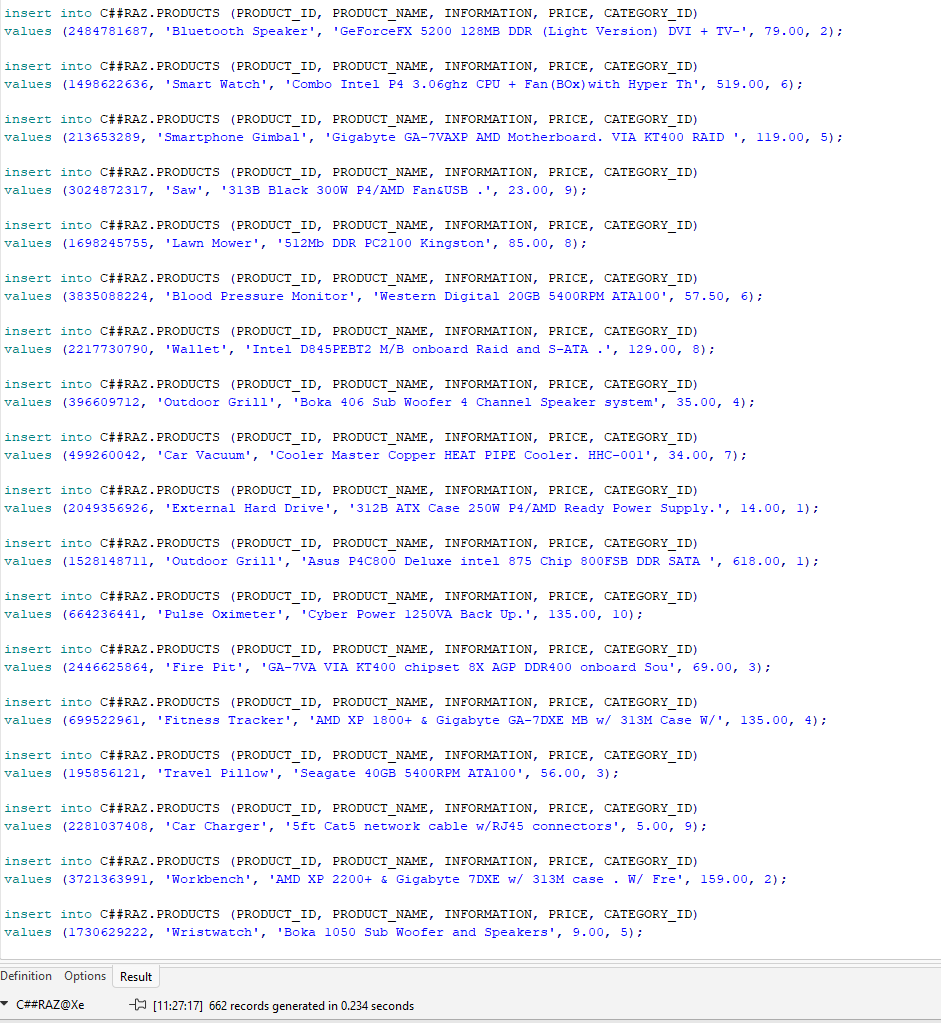
*-- End of dropTables.sql*

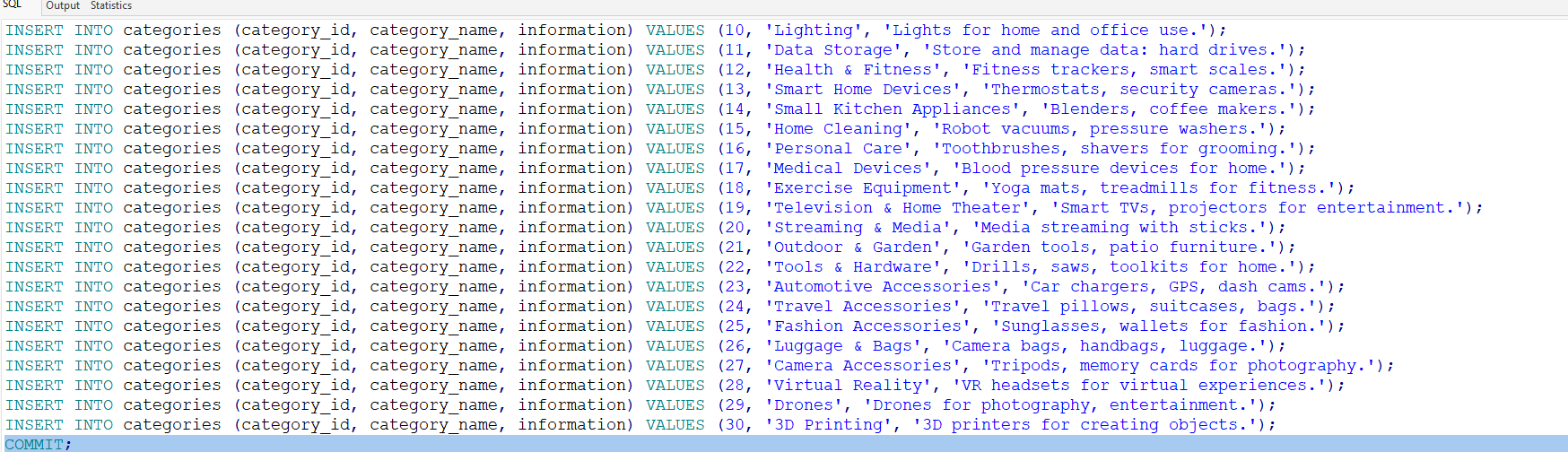
insert



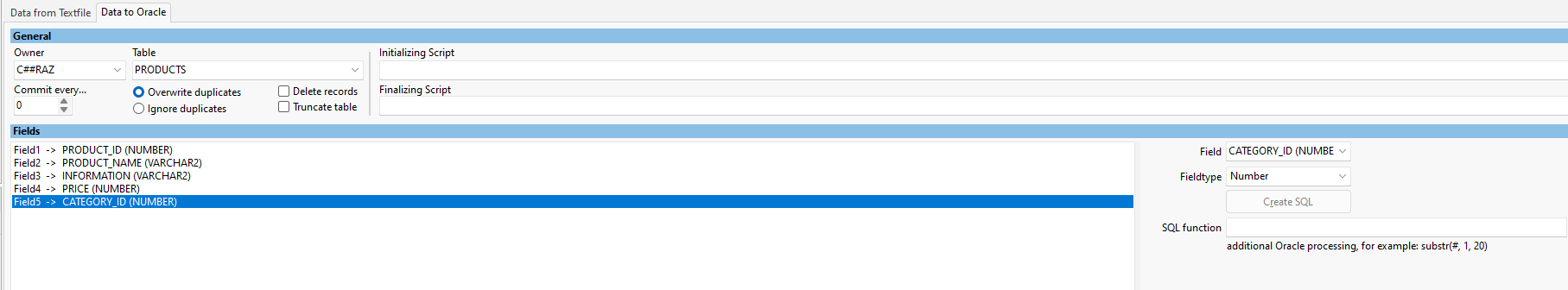
generate

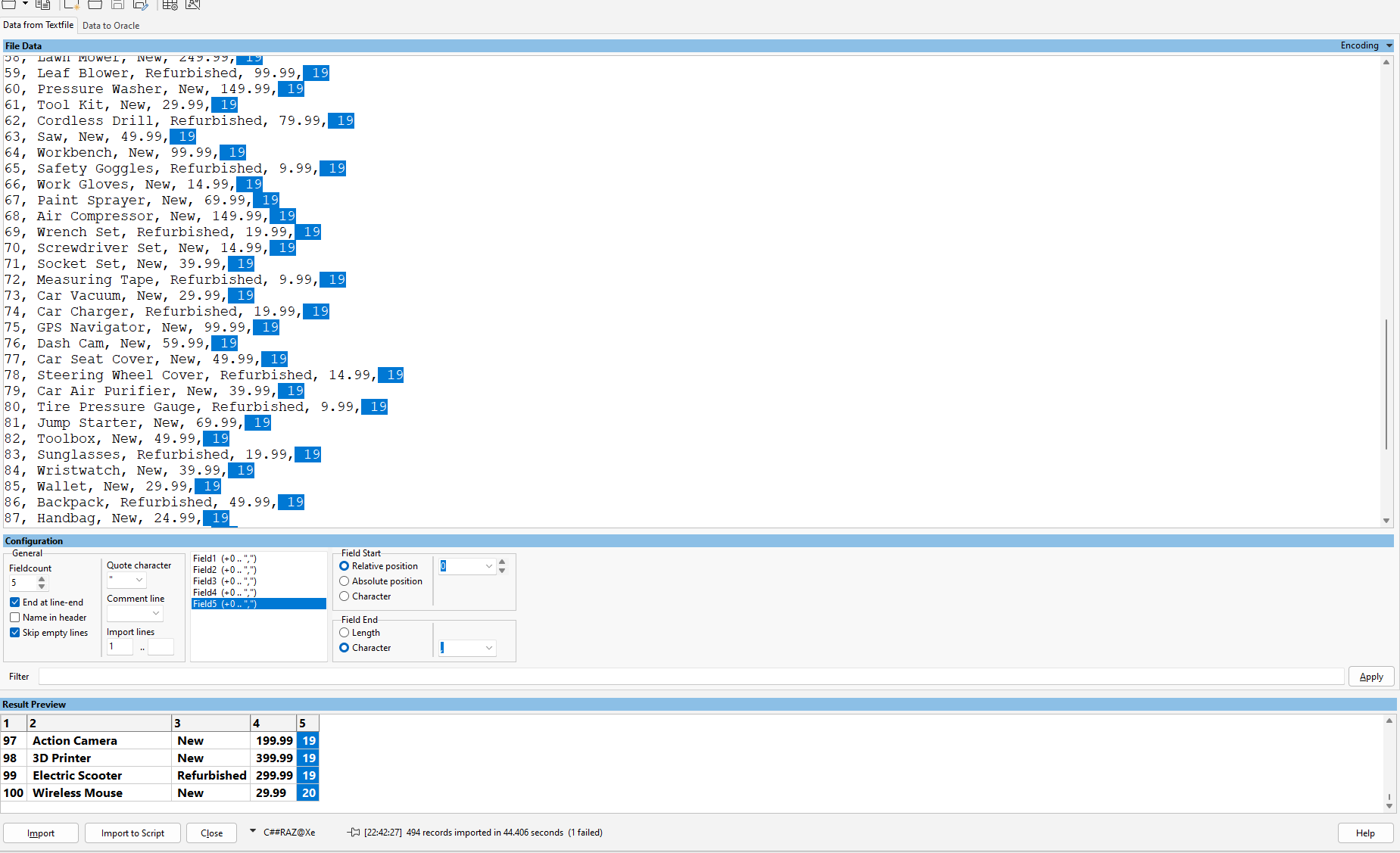




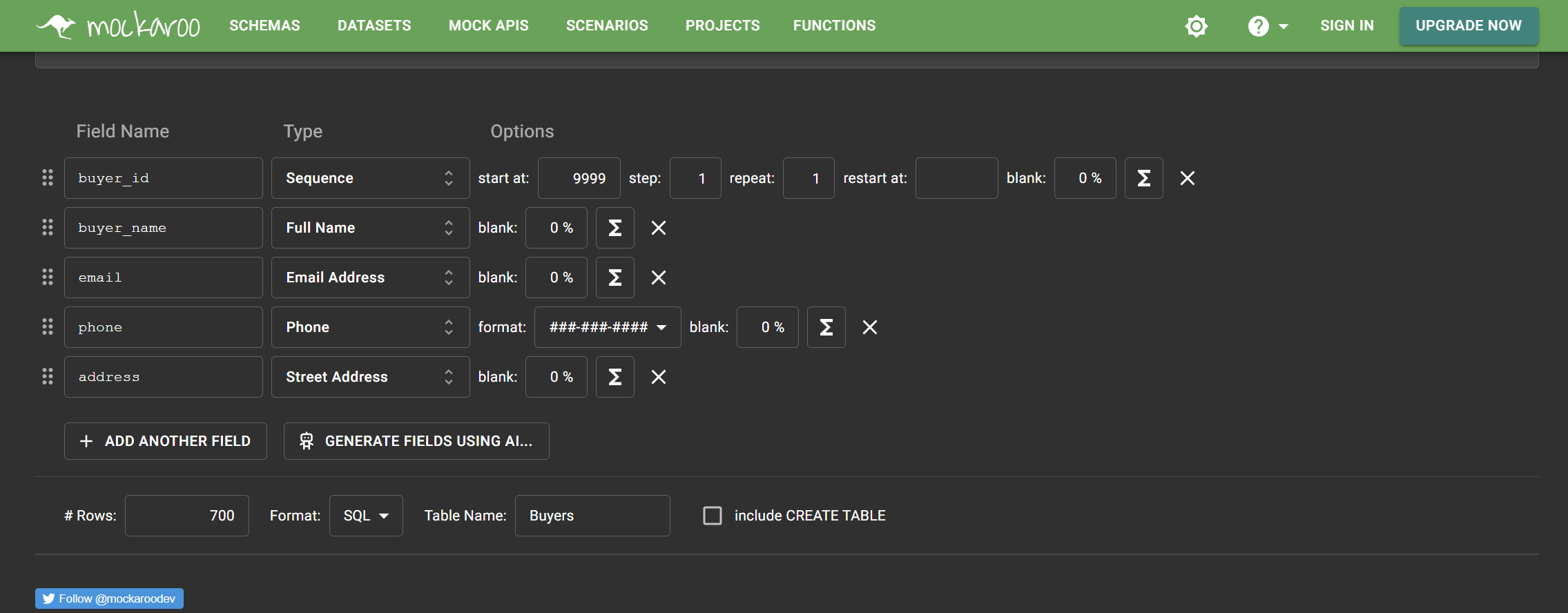


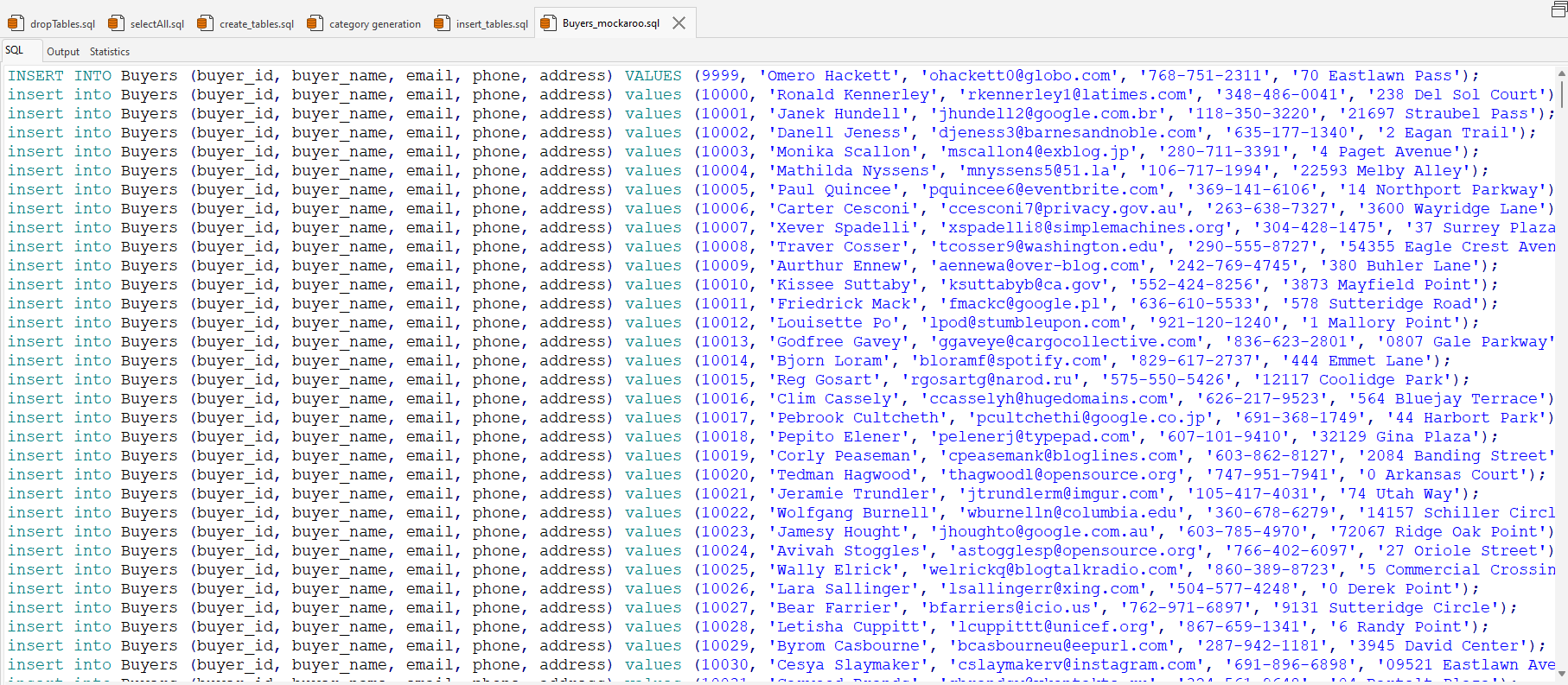
txt

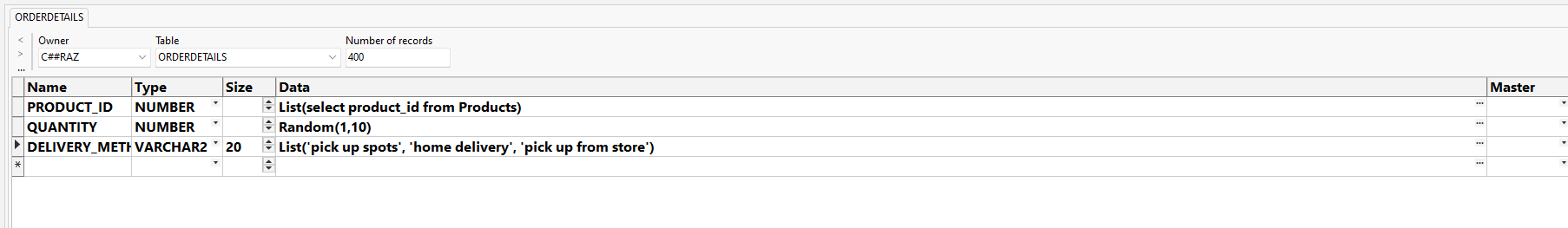


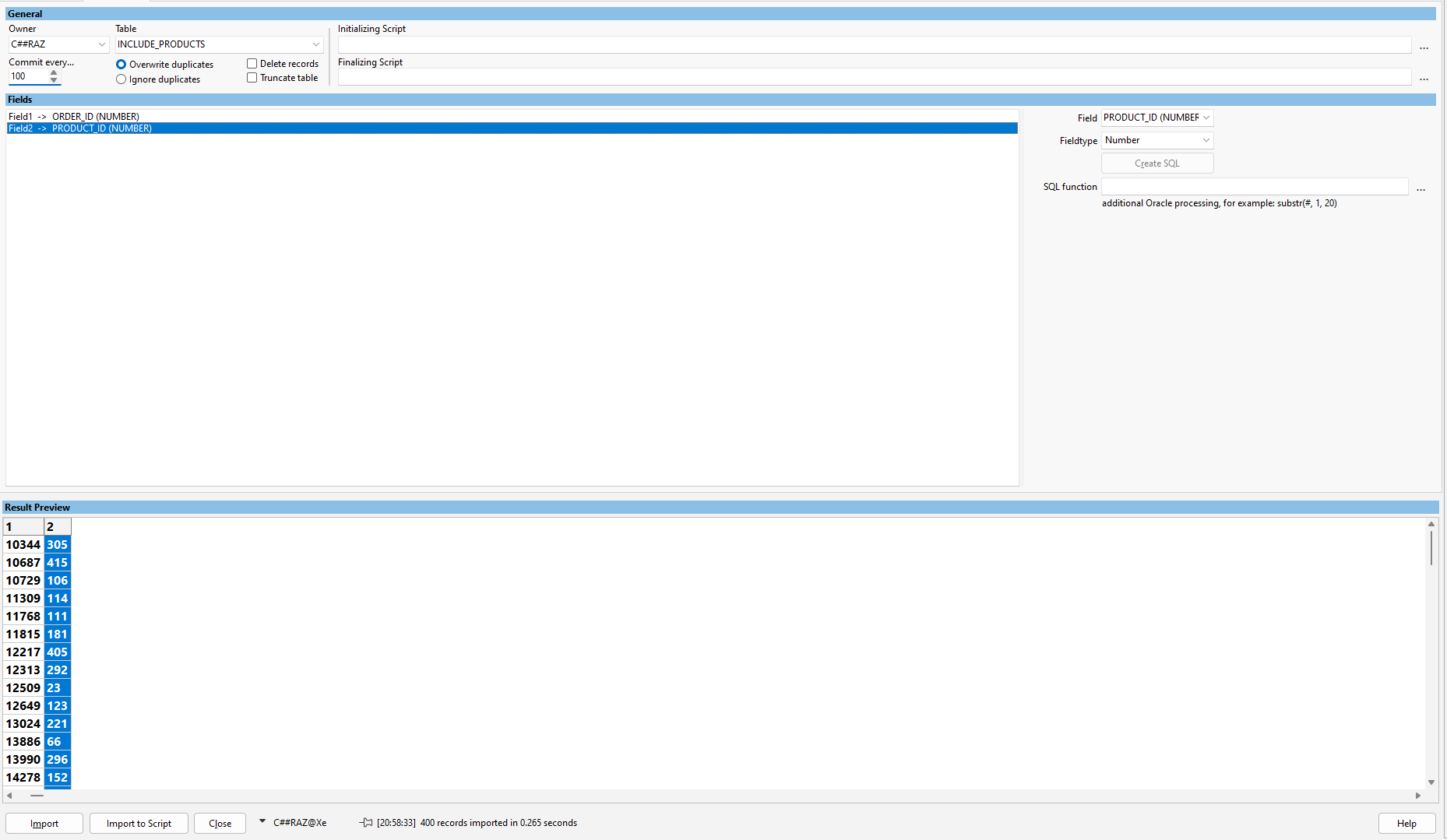


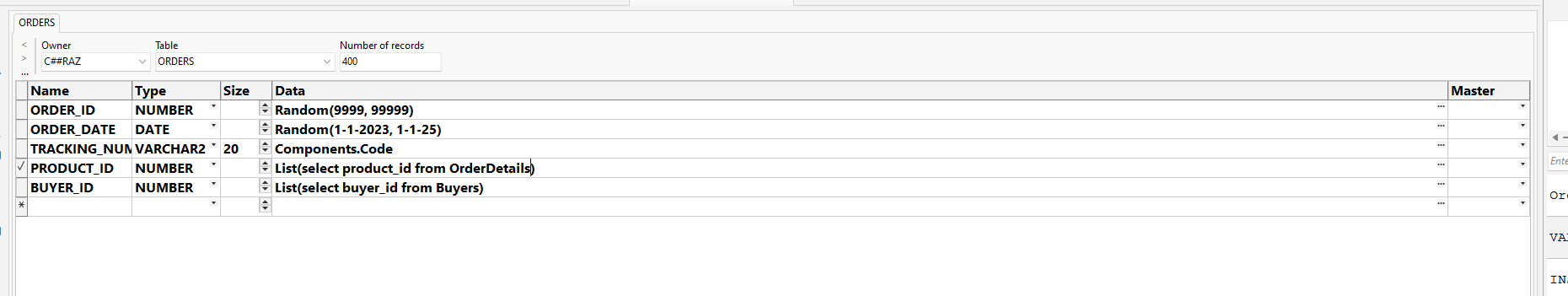
mockaroo



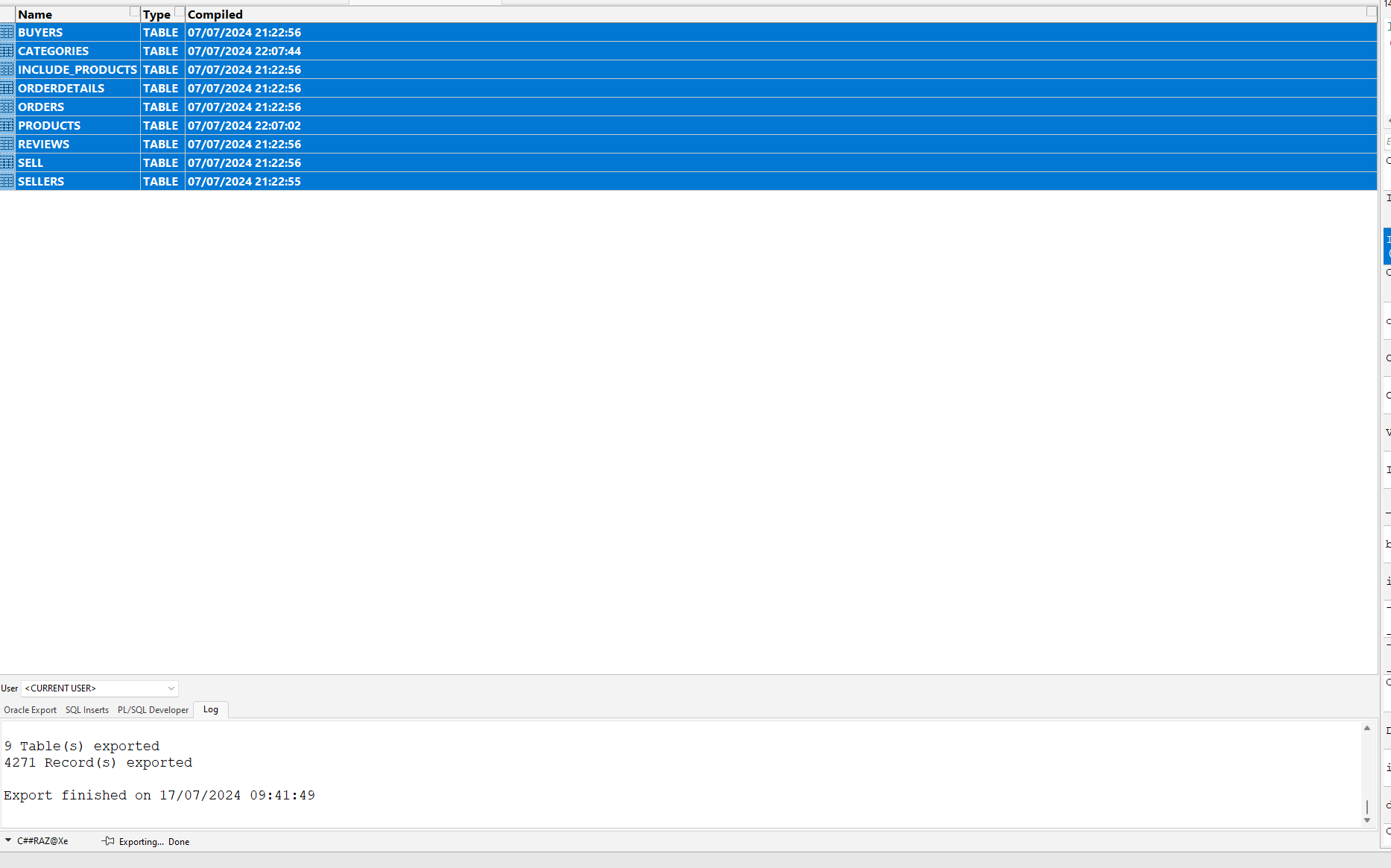








יצירת BACKUP

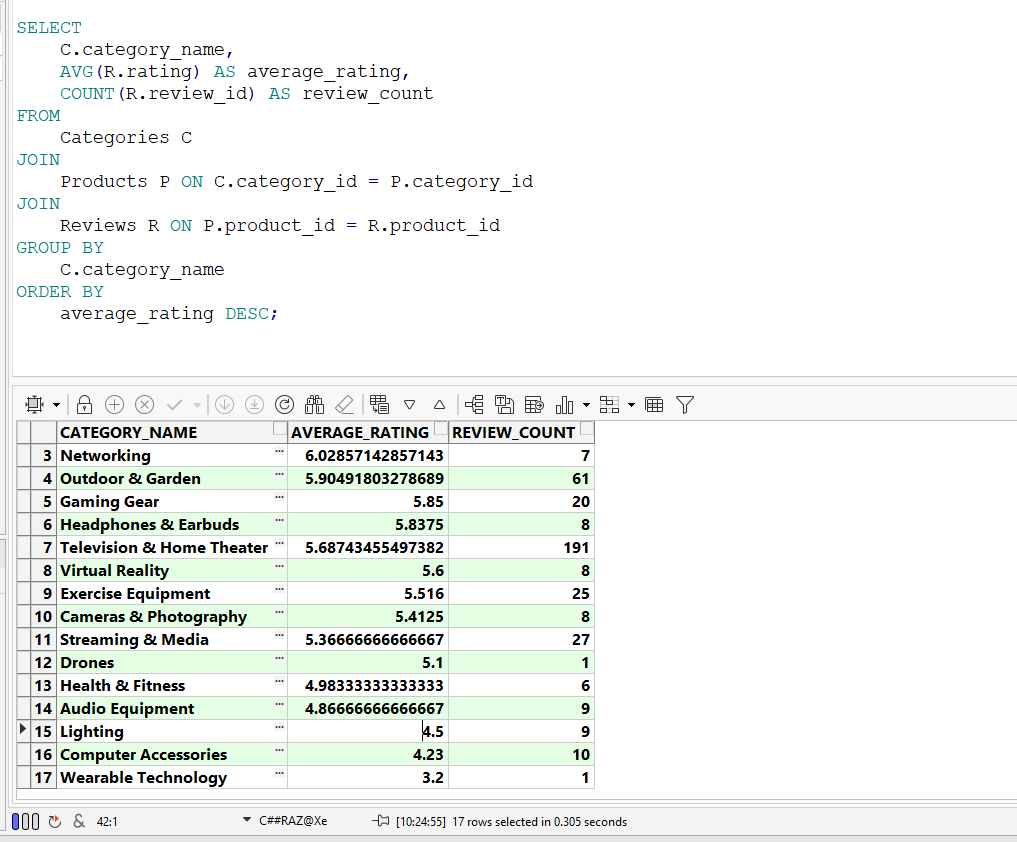


חלק 2 שאילתות

שאילתה ראשונה

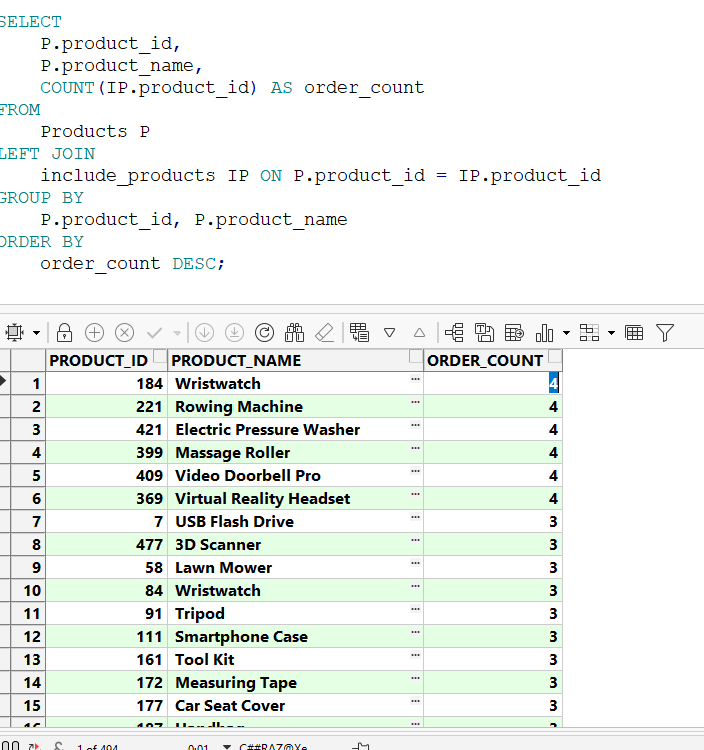
מחזיר ממוצע של דירוגים של מוצרים תחת קטגוריה מסויימת

וכן את מספר הביקורת שנעשו עבור על קטגוריה

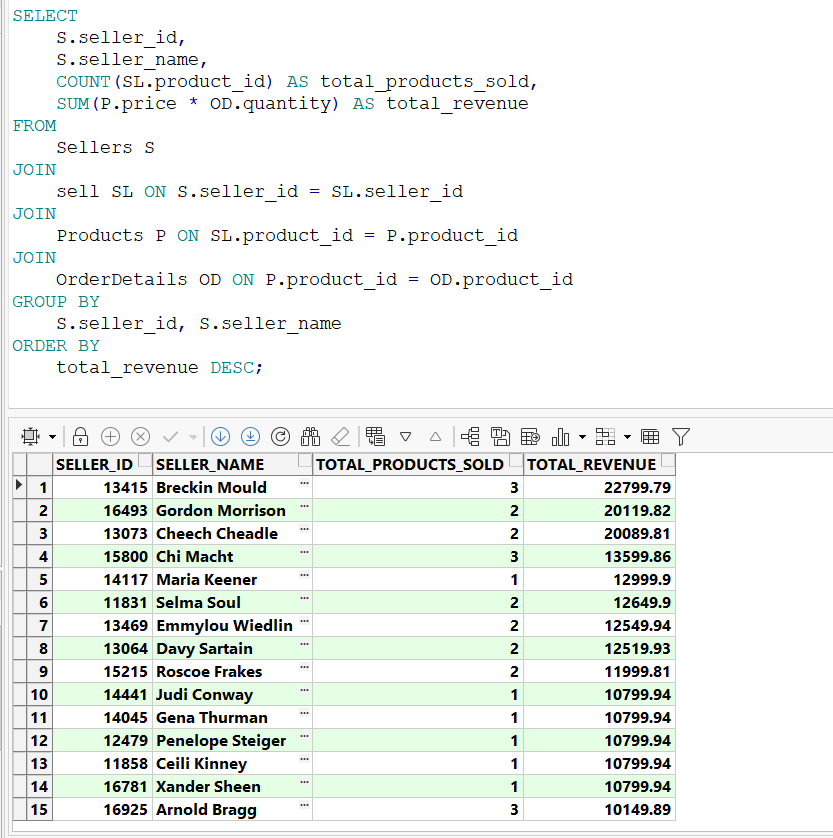


שאילתה שנייה

מחזירה רשימה של מוצרים לפי הנמכרים ביותר ואלו שעדיין לא נמכרו

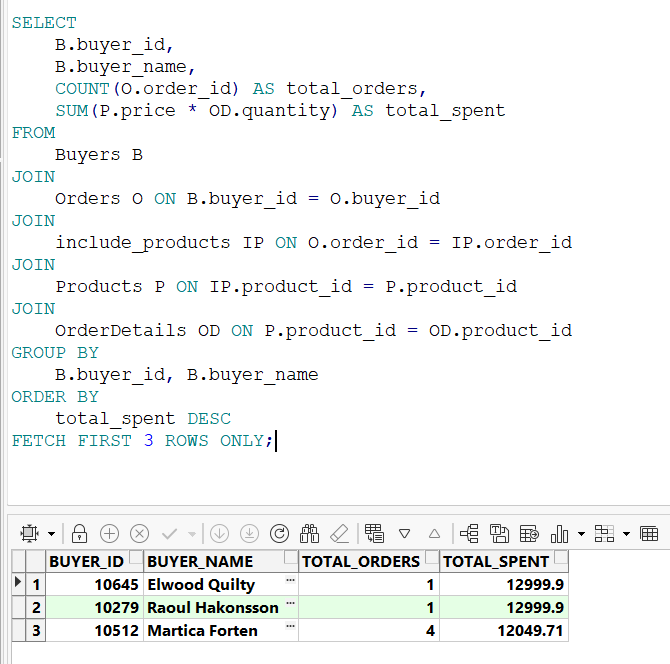


**שאילתה שלישית כמות מוצרים שנמכרו לפי מוכר וסך הרווחים שלו**

****

**שאילתה רביעית**

**שלושת הקונים שקנו הכי הרבה מוצרים וסכום הכסף שהוציאו**

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