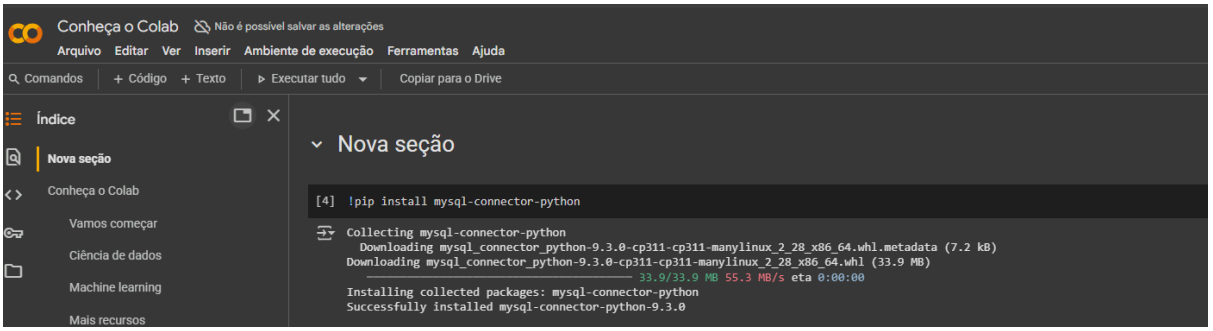
Conheça o Colab
Não é possível salvar as alterações
Arquivo Editar Ver Inserir Ambiente de execução Ferramentas Ajuda
Comandos + Código + Texto Executar tudo Copiar para o Drive
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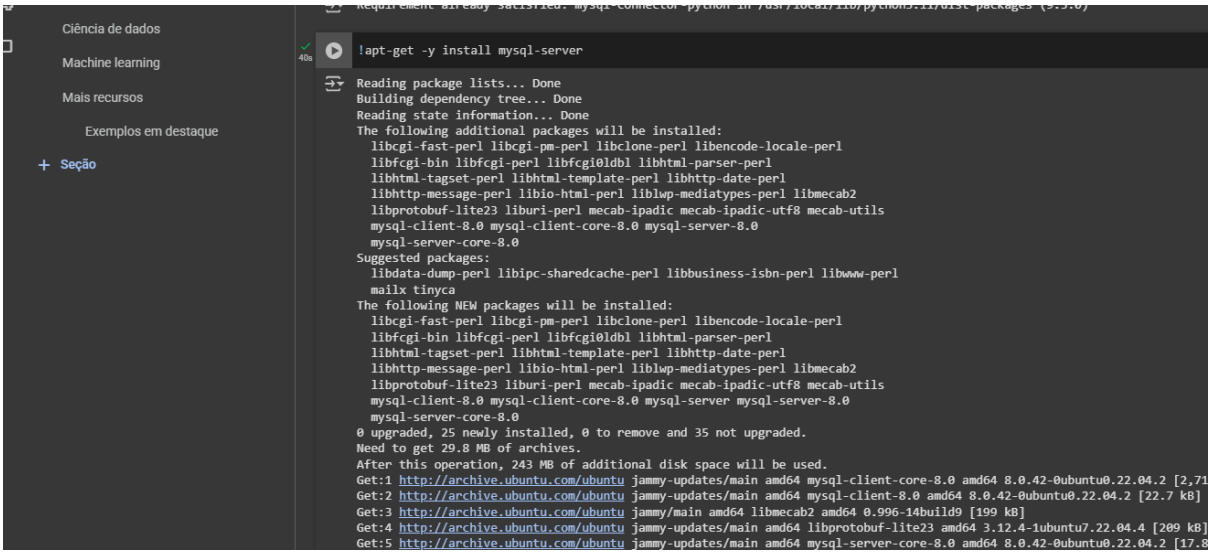
[4] !pip install mysql-connector-python
Collecting mysql-connector-python
Downloading mysql_connector_python-9.3.0-cp311-cp311-manylinux_2_28_x86_64.whl.metadata (7.2 kB)
Downloading mysql_connector_python-9.3.0-cp311-cp311-manylinux_2_28_x86_64.whl (33.9 MB)
33.9/33.9 MB 55.3 MB/s eta 0:00:00
Installing collected packages: mysql-connector-python
Successfully installed mysql-connector-python-9.3.0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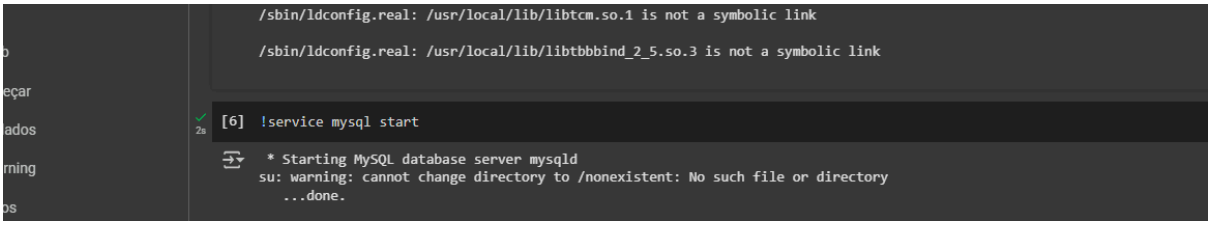
+ Seção
!apt-get -y install mysql-server
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
libcgi-fast-perl libcgi-pm-perl libclone-perl libencode-locale-perl
libfcgi-bin libfcgi-perl libfcgi0ldbl libhtml-parser-perl
libhtml-tagset-perl libhtml-template-perl libhttp-date-perl
libhttp-message-perl libio-html-perl liblwp-mediatypes-perl libmecab2
libprotobuf-lite23 liburi-perl mecab-ipadic mecab-ipadic-utf8 mecab-utils
mysql-client-8.0 mysql-client-core-8.0 mysql-server-8.0
mysql-server-core-8.0
Suggested packages:
libdata-dump-perl libipc-sharedcache-perl libbusiness-isbn-perl libwww-perl
mailx tinyca
The following NEW packages will be installed:
libcgi-fast-perl libcgi-pm-perl libclone-perl libencode-locale-perl
libfcgi-bin libfcgi-perl libfcgi0ldbl libhtml-parser-perl
libhtml-tagset-perl libhtml-template-perl libhttp-date-perl
libhttp-message-perl libio-html-perl liblwp-mediatypes-perl libmecab2
libprotobuf-lite23 liburi-perl mecab-ipadic mecab-ipadic-utf8 mecab-utils
mysql-client-8.0 mysql-client-core-8.0 mysql-server mysql-server-8.0
mysql-server-core-8.0
0 upgraded, 25 newly installed, 0 to remove and 35 not upgraded.
Need to get 29.8 MB of archives.
After this operation, 243 MB of additional disk space will be used.
Get:1 http://archive.ubuntu.com/ubuntu jammy-updates/main amd64 mysql-client-core-8.0 amd64 8.0.42-0ubuntu0.22.04.2 [2,71
Get:2 http://archive.ubuntu.com/ubuntu jammy-updates/main amd64 mysql-client-8.0 amd64 8.0.42-0ubuntu0.22.04.2 [22.7 kB]
Get:3 http://archive.ubuntu.com/ubuntu jammy/main amd64 libmecab2 amd64 0.996-14build9 [199 kB]
Get:4 http://archive.ubuntu.com/ubuntu jammy-updates/main amd64 libprotobuf-lite23 amd64 3.12.4-1ubuntu7.22.04.4 [209 kB]
Get:5 http://archive.ubuntu.com/ubuntu jammy-updates/main amd64 mysql-server-core-8.0 amd64 8.0.42-0ubuntu0.22.04.2 [17.8


/sbin/ldconfig.real: /usr/local/lib/libtcm.so.1 is not a symbolic link
/sbin/ldconfig.real: /usr/local/lib/libtbbbind_2_5.so.3 is not a symbolic link
[6] !service mysql start
* Starting MySQL database server mysqld
su: warning: cannot change directory to /nonexistent: No such file or directory
...done.

```
su: warning: cannot change directory to /nonexistent: No such file or directory
   ...done.
```

```
[7] !mysql -e "ALTER USER 'root'@'localhost' IDENTIFIED WITH 'mysql_native_password' BY 'root';FLUSH PRIVILEGES;"
```

```
import mysql.connector

# Create a connection to the MySQL server
conn = mysql.connector.connect(user='root', password='root', host='localhost')

# Create a cursor to interact with the MySQL server
cursor = conn.cursor()
```

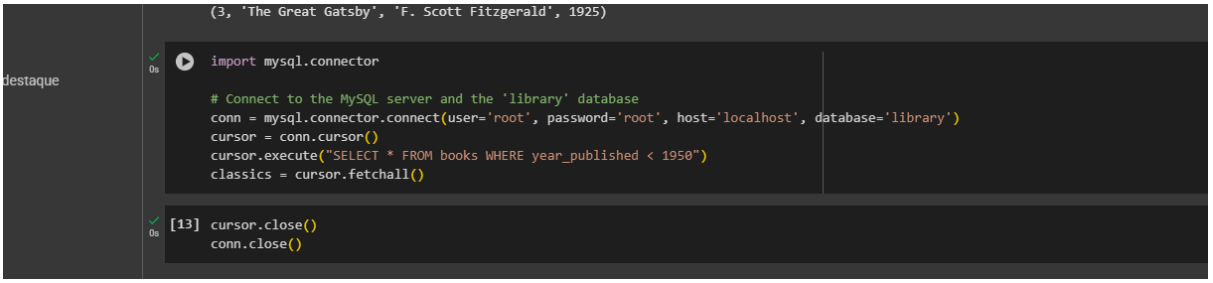
```
[9] # Create a new database named 'library'
cursor.execute("CREATE DATABASE IF NOT EXISTS library")

# Switch to the 'library' database
cursor.execute("USE library")

# Create the 'books' table
cursor.execute('''
CREATE TABLE IF NOT EXISTS books (
    id INT AUTO_INCREMENT PRIMARY KEY,
    title VARCHAR(255) NOT NULL,
    author VARCHAR(255) NOT NULL,
    year_published INT
)
''')

# Always remember to close the cursor and connection when done
cursor.close()
conn.close()
```

```
conn.close()
```

```
import mysql.connector

# Connect to the MySQL server and the 'library' database
conn = mysql.connector.connect(user='root', password='root', host='localhost', database='library')
cursor = conn.cursor()

books_data = [
    ("To Kill a Mockingbird", "Harper Lee", 1960),
    ("1984", "George Orwell", 1949),
    ("The Great Gatsby", "F. Scott Fitzgerald", 1925)
]

# Insert data using the cursor
cursor.executemany('''
INSERT INTO books (title, author, year_published) VALUES (%s, %s, %s)
''', books_data)

# Commit the changes
conn.commit()

# Close the cursor and connection
cursor.close()
conn.close()
```

```
[11] import mysql.connector

# Connect to the MySQL server and the 'library' database
conn = mysql.connector.connect(user='root', password='root', host='localhost', database='library')
cursor = conn.cursor()

# Execute the SELECT query
cursor.execute("SELECT * FROM books")

# Fetch all the results
records = cursor.fetchall()

# Print the records
for record in records:
    print(record)

# Close the cursor and connection
cursor.close()
conn.close()
```

```
(1, 'To Kill a Mockingbird', 'Harper Lee', 1960)
(2, '1984', 'George Orwell', 1949)
(3, 'The Great Gatsby', 'F. Scott Fitzgerald', 1925)
```



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