

Tarea 14, MySQL en Python con al menos 2 cambios

Universidad de Guadalajara, CUCEA

Maestría en Ciencia de los Datos

Programación I

Javier Pérez Cajita, 325057392

Screenshots de algunas partes del proceso:

The screenshot shows the 'Create a new repository' interface on GitHub. The form is divided into two main sections: 'General' and 'Configuration'.

**General Section:**

- Owner:** perezcajita
- Repository name:** Programacion 258
- Description:** Para tarea 14 de Programacion I MCD 2025B

**Configuration Section:**

- Choose visibility:** Public
- Add README:** On
- Add .gitignore:** No .gitignore
- Add license:** No license

**Buttons:**

- Create repository button at the bottom right.

jupyter Tarea13 Last Checkpoint: 23 minutes ago

File Edit View Run Kernel Settings Help Trusted

JupyterLab Python 3.9.23 Anaconda Toolbox

## Tarea 13, MySQL en Python

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```
[15]: # Importamos Las Librerías necesarias:  
# - mysql.connector para conectarnos a MySQL  
# - pandas para manejar los resultados en forma de DataFrame  
# - ipywidgets y display para crear la interfaz gráfica en Jupyter  
import mysql.connector  
import pandas as pd  
import ipywidgets as widgets  
from IPython.display import display
```

```
[16]: # Cargamos el archivo MaratonNY.csv desde la ruta indicada  
carreras = pd.read_csv("C:/Users/perez/Desktop/SEMESTRE1/ClasePython/Sesion13/MaratonNY.csv")  
  
# Mostramos las primeras filas para verificar que se cargó correctamente  
carreras.head()
```

```
[16]:
```

|   | Corredor | place | gender | age | home | time       |
|---|----------|-------|--------|-----|------|------------|
| 0 | 3475     | 3592  | Male   | 52  | GBR  | 217.483333 |
| 1 | 13594    | 13853 | Female | 40  | NY   | 272.550000 |
| 2 | 12012    | 12256 | Male   | 31  | FRA  | 265.283333 |
| 3 | 10236    | 10457 | Female | 33  | MI   | 256.150000 |

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Screenshot of a GitHub repository page showing a file upload interface.

The repository is named "Programacion-25B".

The main area shows a placeholder message: "Drag additional files here to add them to your repository" and "Or choose your files".

Below this, three files are listed:

- MaratonNY.csv
- Tarea13.ipynb
- Tarea14.ipynb

A "Commit changes" dialog box is open, containing fields for "Add files via upload" and "Add an optional extended description...". It includes two radio button options:

- Commit directly to the `main` branch.
- Create a new branch for this commit and start a pull request. [Learn more about pull requests.](#)

Screenshot of a GitHub repository page showing the file structure and content of the README.md file.

The repository is named "Programacion-25B".

The left sidebar shows the file structure:

- main
- README.md
- Tarea13.ipynb
- Tarea14.ipynb

The right pane displays the content of README.md:

```
1 # Programacion-25B
2 Para tarea 14 de Programacion I, MCD 2023B
3 Agregué jsutio la tarea anterior, la 13, con varias modificaciones, además agregué dos gráficas al final del codigo.
4
```

Screenshot of a GitHub repository page for "Programacion-25B" by user "perezcajita".

The repository has 1 branch and 0 tags. It contains 3 commits:

- perezcajita Update README with task 13 details and graphs 64711cd · now 3 Commits
- MaratonNY.csv Add files via upload 2 minutes ago
- README.md Update README with task 13 details and graphs now
- Tarea13.ipynb Add files via upload 2 minutes ago
- Tarea14.ipynb Add files via upload 2 minutes ago

The README file content is as follows:

```
Programacion-25B

Para tarea 14 de Programacion I, MCD 2025B Agregué jsuto la tarea anterior, la 13, con varias modificaciones, además agregué dos gráficas al final del código.
```

Repository statistics:

- Readme
- Activity
- 0 stars
- 0 watching
- 0 forks

Release history:

- No releases published
- Create a new release

Packages:

- No packages published
- Publish your first package

Languages:

- Jupyter Notebook 100.0%

Footer:

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