

## TRATAMIENTO DE DATOS

Ing. David Vilatuña

### CASO # 1

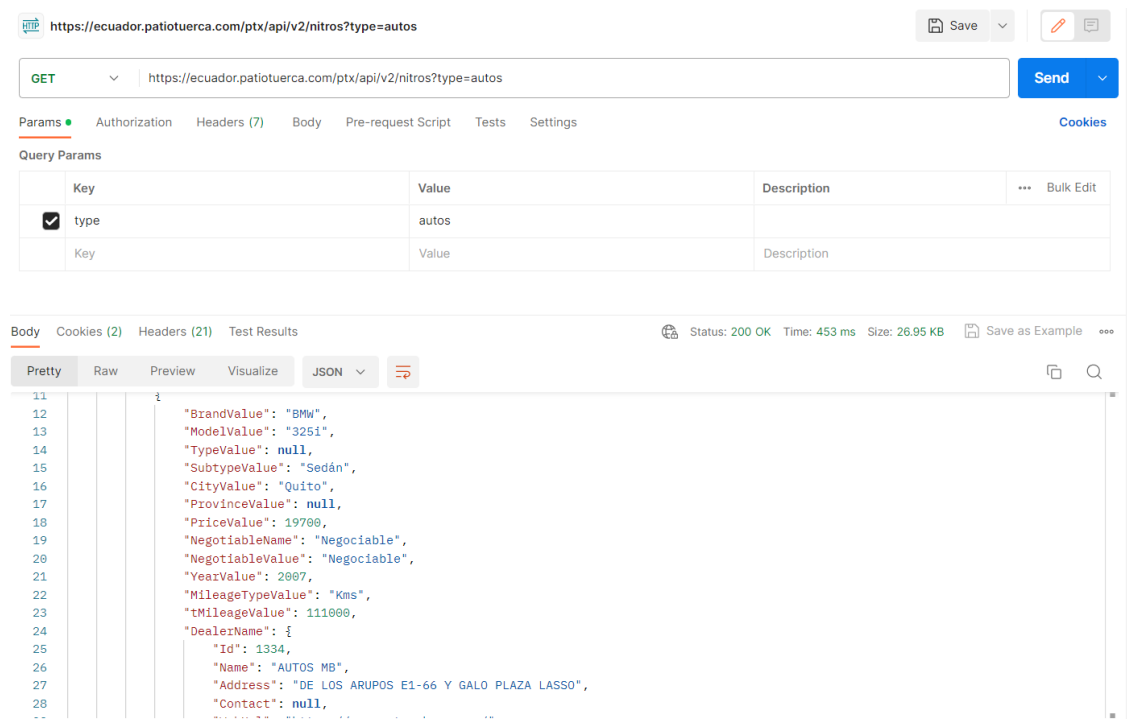
Ingresamos a la pagina de <https://ecuador.patiotuerca.com/>, para buscar lo correspondiente a la api que utiliza el sitio web:

Y obtenemos <https://ecuador.patiotuerca.com/ptx/api/v2/nitros?type=autos>

El type se puede utilizar con autos, motos, pesados ,



Procedemos a verificar en el programa:



The screenshot shows the Postman interface with a GET request to `https://ecuador.patiotuerca.com/ptx/api/v2/nitros?type=autos`. The response is a JSON object with the following structure:

```
{
  "BrandValue": "BMW",
  "ModelValue": "325i",
  "TypeValue": null,
  "SubtypeValue": "Sedán",
  "CityValue": "Quito",
  "ProvinceValue": null,
  "PriceValue": 19700,
  "NegotiableName": "Negociable",
  "NegotiableValue": "Negociable",
  "YearValue": 2007,
  "MileageTypeValue": "Kms",
  "tMileageValue": 111000,
  "DealerName": {
    "Id": 1334,
    "Name": "AUTOS MB",
    "Address": "DE LOS ARUPOS E1-66 Y GALO PLAZA LASSO",
    "Contact": null,
    ...
  }
}
```

URL: `https://ecuador.patiotuerca.com/ptx/api/v2/nitros?type=motos`

Method: **GET**

Params: Authorization, Headers (7), Body, Pre-request Script, Tests, Settings

Query Params:

Key	Value	Description
<input checked="" type="checkbox"/> type	motos	

Status: 200 OK Time: 406 ms Size: 23.15 KB

Body (JSON):

```

{
  "result_set": [
    {
      "BrandValue": "BMW",
      "ModelValue": "F850GS",
      "TypeValue": null,
      "SubtypeValue": "Paseo",
      "CityValue": "Quito",
      "ProvinceValue": null,
      "PriceValue": 21000,
      "NegotiableName": "Negociable",
      "NegotiableValue": "Negociable",
      "YearValue": 2019,
      "MileageTypeValue": "Kms",
      "tMileageValue": 14739,
      "DealerName": {
        "Id": 8,
        "Name": "Alvarez Barba S.A.",
        "Address": "Av. 10 de Agosto N51-97 y Algarrobos",
        "Phone": "099 555 555"
      }
    }
  ]
}

```

Procedemos a realizar el programa con Python, para realizar el Python request con el api

El programa tiene caso01.py

Procedemos a realizar postman -> flask -> api

El programa tiene

- Caso\_01\_funcion.py
- Api.py

URL: `http://127.0.0.1:5000/api/patiotuerca?search_text=motos`

Method: **GET**

Params: Authorization, Headers (6), Body, Pre-request Script, Tests, Settings

Query Params:

Key	Value	Description
<input checked="" type="checkbox"/> search_text	motos	

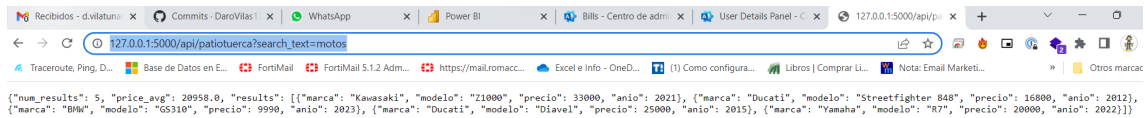
Status: 200 OK Time: 878 ms Size: 586 B

Body (JSON):

```

{
  "num_results": 5,
  "price_avg": 21200.0,
  "results": [
    {
      "marca": "Kawasaki",
      "modelo": "KLX",
      "precio": 11200,
      "anio": 2010
    },
    {
      "marca": "Ducati",
      "modelo": "Streetfighter 848",
      "precio": 16800,
      "anio": 2012
    },
    {
      "marca": "Ducati",
      "modelo": "Naked",
      "precio": 16800,
      "anio": 2012
    }
  ]
}

```



## Despliegue en RENDER

**render** **Dashboard** Blueprints Env Groups Docs Community Help New + darovilas13@gmail.com

**You are deploying a web service for [DaroVilas13/apis\\_manejo](#).**

**Name**  
A unique name for your web service.

uide-td-ca-01

**Region**  
The [region](#) where your web service runs.

Oregon (US West)

**Branch**  
The repository branch used for your web service.

main

**Root Directory** Optional  
Defaults to repository root. When you specify a [root directory](#) that is different from your repository root, Render runs all your commands in the [specified directory](#) and ignores changes outside the directory.

e.g., src

**Runtime**  
The runtime for your web service.

Python 3

**Build Command**  
This command runs in the root directory of your repository when a new version of your code is pushed, or when you deploy manually. It is typically a script that installs libraries, runs migrations, or compiles resources needed by your app.

\$ pip install -r requirements.txt

**Start Command**  
This command runs in the root directory of your app and is responsible for starting its processes. It is typically used to start a webserver for your app. It can access environment variables defined by you in Render.

\$ gunicorn api:app --host 0.0.0.0 --port 10000

ChatGPT Writer

Please [enter your payment information](#) to select an instance type with higher limits.

Instance Type	RAM	CPU	Price
<input checked="" type="radio"/> Free	512 MB	0.1 CPU	\$0 / month

Se modifica el lanzamiento de la api

Temas a consultar virtualización de proyectos de Python

Manual Deploy ▾

<https://uide-td-ca-01.onrender.com>

## Settings

1a6383c aumenta el comando gunicorn==19.7.1

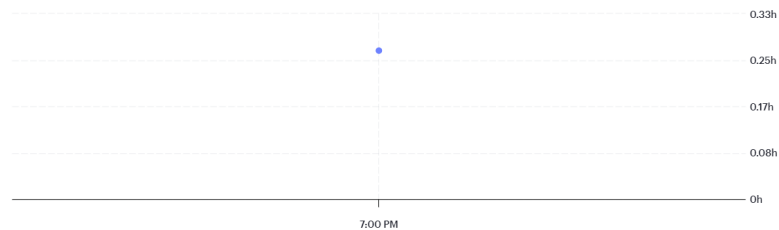
Search

[Scroll to top](#)

```
Jun 12 08:42:32 PM
Jun 12 08:42:32 PM
Jun 12 08:42:32 PM      marca : Ford
Jun 12 08:42:32 PM      modelo : F150 Lariat
Jun 12 08:42:32 PM      precio : 62900
Jun 12 08:42:32 PM      anio : 2018
Jun 12 08:42:32 PM
Jun 12 08:42:32 PM
Jun 12 08:42:32 PM
Jun 12 08:42:32 PM      127.0.0.1 - - [13/Jun/2023:01:42:32 +0000] "GET /api/patiotuerca?search_text=autos HTTP/1.1" 200 439 "-" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/114.0.0.0 Safari/537.36"
```

## Settings

The historical usage for this service (up to 31 days).



Total usage: **0.27 hours** (month-to-date)

Average usage: **0.27** hours/day

 You have used **0%** of your monthly quota across all of your free instances. [View usage](#)

