



# Python? On Glitch.com?! Yes! (It's not just for Javascript!)

Test out Python (and other languages) for free, online

# Danny Page

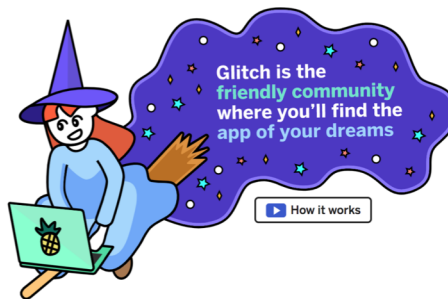
## Senior Software Engineer at NerdWallet

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- $\frac{1}{3}$  of [@NerdWalletEng](#)
- Sports Analytics and Code Tinkering

# What is Glitch?

- Remix (fork) code and have an app running in seconds!
- 'View Source' but for web-apps
- Collaborate on Code together
- Live Reloading

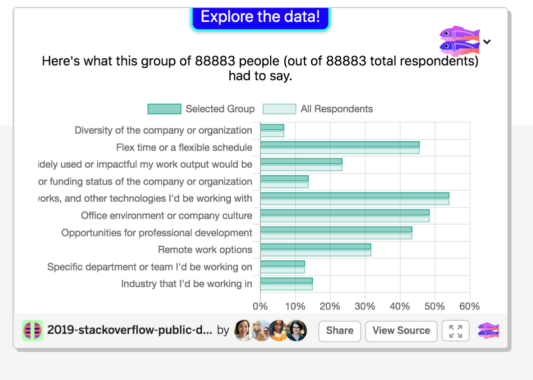
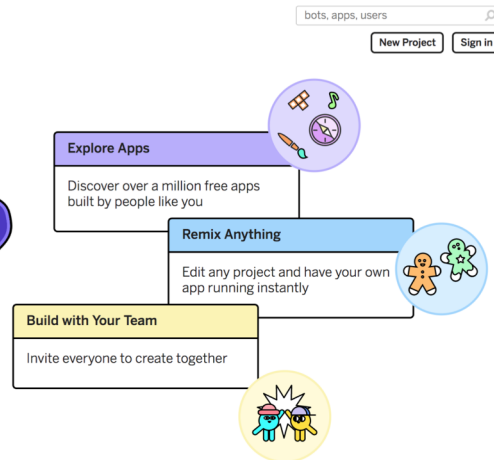


## Explore Stack Overflow Dev Survey Results

90,000 developers shared their opinions about jobs, tech, and where the industry's going.

Remix our app to explore the data and discover your own insights.

[Learn More →](#)



# Javascript Examples

## Procedurally generated rejection letters

Generate a very personal rejection letter!

Generate!

We are sending this letter to communicate our fond appreciation for your article titled, "Why Aperol Spritz Are No Longer Trendy".

It is with great pleasure that we must reject your consummately crafted work, and wish you the least success with learning about your better skills.

Sincerely,

Your former collage roommate

<https://glitch.com/~acute-toast>

*Is Nebraska history boring?*

FIND OUT

Not in the slightest

<https://glitch.com/~nebraska-history-content>

<https://glitch.com/~nerdwallet-engineering-test>

*Is NerdWallet Engineering right for you?*

FIND OUT

Affirmative.

# Python Examples



<https://simonwillison.net/2019/Apr/23/datasette-glitch/>



A screenshot of the Datasette web interface. The browser address bar shows the URL: <https://ergast-datasette.glitch.me/csv-data-4e8974b?sql=>. The page title is "csv-data". Below the title, it says "Custom SQL query returning 10 rows". A SQL query is displayed in a code block:

```
1 select (a.forename || ' ' || a.surname) as name, b.wins
2 from drivers a,
3      (select driverId, count(*) as wins from results
4       where positionOrder = 1 group by driverId) b
5 where a.driverId = b.driverId
6 order by 2 desc
7 limit 10
```

Below the query is a blue button labeled "Run SQL". Underneath, it says "This data as [JSON](#), [CSV](#)". A table of results is shown with two columns: "name" and "wins".

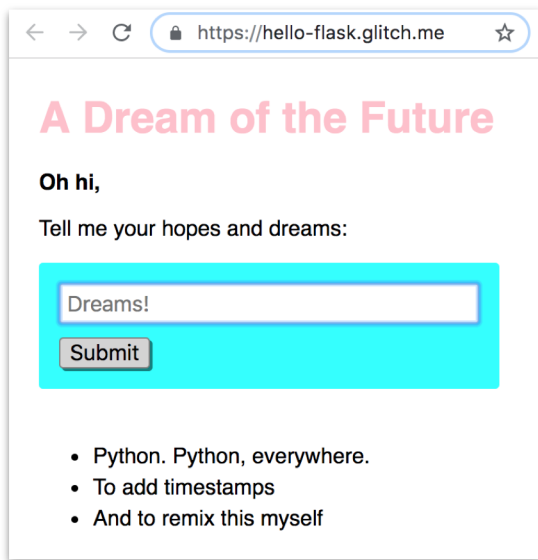
name	wins
Michael Schumacher	91
Lewis Hamilton	75
Sebastian Vettel	52
Alain Prost	51
Ayrton Senna	41
Fernando Alonso	32
Nigel Mansell	31
Jackie Stewart	27
Niki Lauda	25
Jim Clark	25

At the bottom, it says "Powered by [Datasette](#) · Query took 3.564ms".

Backend: <https://ergast-datasette.glitch.me>

Frontend: <https://f1-viz.glitch.me>

# Python Examples



← → ↻ <https://hello-flask.glitch.me> ☆

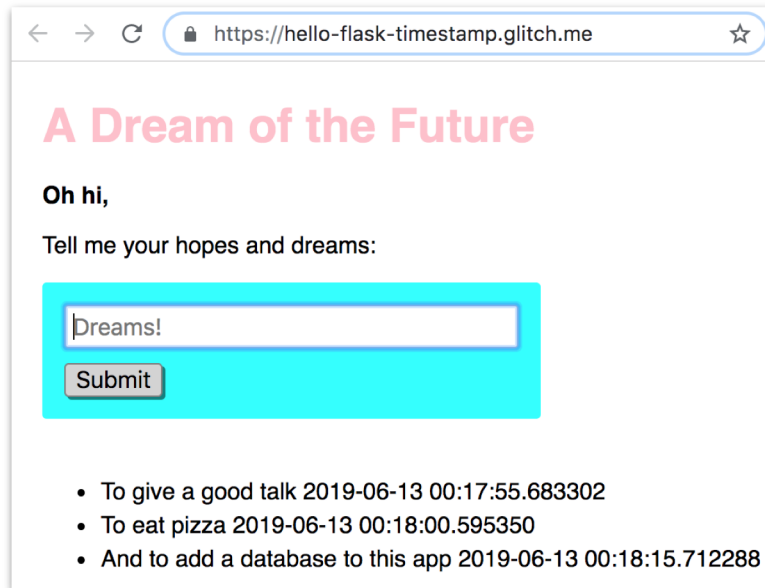
## A Dream of the Future

Oh hi,

Tell me your hopes and dreams:

- Python. Python, everywhere.
- To add timestamps
- And to remix this myself

<https://glitch.com/~hello-flask>



← → ↻ <https://hello-flask-timestamp.glitch.me> ☆

## A Dream of the Future

Oh hi,

Tell me your hopes and dreams:

- To give a good talk 2019-06-13 00:17:55.683302
- To eat pizza 2019-06-13 00:18:00.595350
- And to add a database to this app 2019-06-13 00:18:15.712288

<https://hello-flask-timestamp.glitch.me/>

## And more!

### Ruby 2.3

```
app@ergast-datasette:/usr/bin 22:30
$ irb
irb(main):001:0> exit
```

### Python 2.7

```
app@ergast-datasette:/usr/bin 22:30
$ python
Python 2.7.12 (default, Nov 12 2018, 14:36:49)
[GCC 5.4.0 20160609] on linux2
Type "help", "copyright", "credits" or "license" for more information.
>>> exit()
```

### Python 3.5

```
app@ergast-datasette:/usr/bin 22:30
$ python3
Python 3.5.2 (default, Nov 12 2018, 13:43:14)
[GCC 5.4.0 20160609] on linux
Type "help", "copyright", "credits" or "license" for more information.
>>> exit()
```

### Even Perl!

```
app@ergast-datasette:/usr/bin 22:30
$ perl -e 'do{print("perl> ");$_x=<>;chomp $_x;print(eval($_x)."\n")}while($_x ne "q")'
perl> gmtime(2**30)
Sat Jan 10 13:37:04 2004
perl> q
```

# Thanks!



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