

¿Cuál lenguaje
de programación
debo escoger?



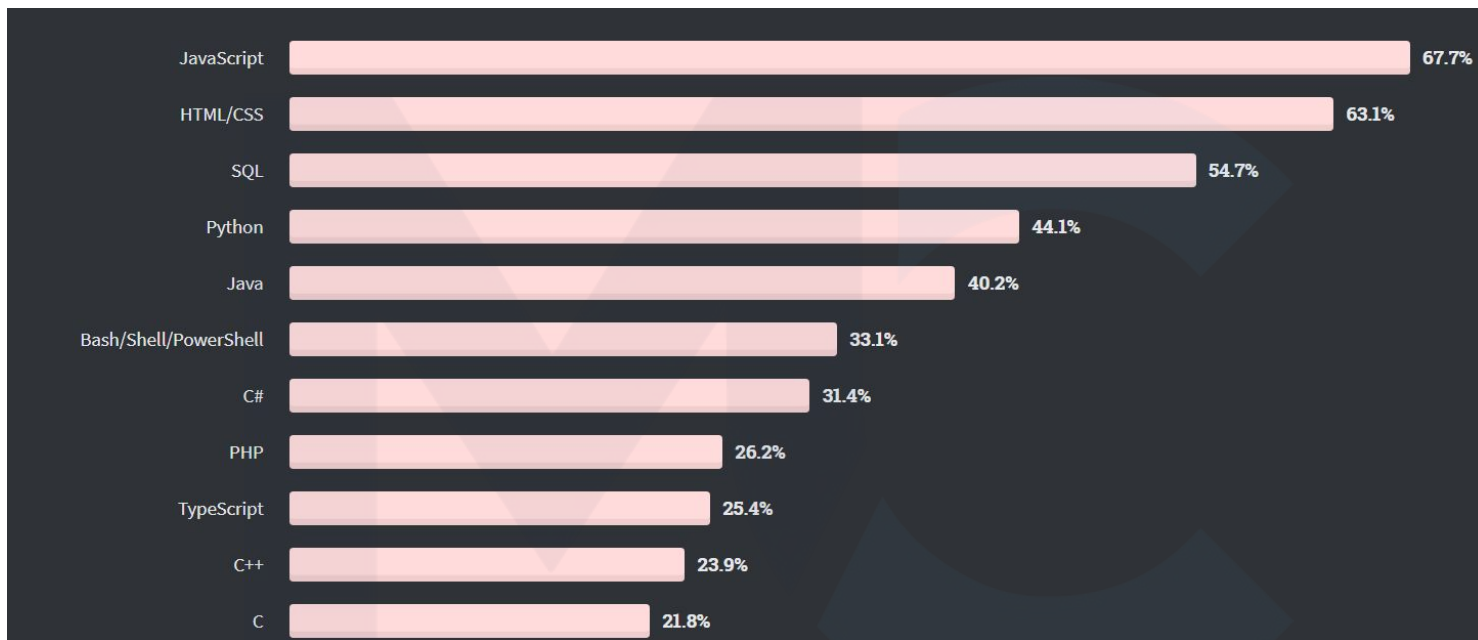
TIOBE Marzo 2021

Mar 2021	Mar 2020	Change	Programming Language	Ratings	Change
1	2	▲	C	15.33%	-1.00%
2	1	▼	Java	10.45%	-7.33%
3	3		Python	10.31%	+0.20%
4	4		C++	6.52%	-0.27%
5	5		C#	4.97%	-0.35%
6	6		Visual Basic	4.85%	-0.40%
7	7		JavaScript	2.11%	+0.06%
8	8		PHP	2.07%	+0.05%
9	12	▲	Assembly language	1.97%	+0.72%
10	9	▼	SQL	1.87%	+0.03%
11	10	▼	Go	1.31%	+0.03%
12	18	▲▲	Classic Visual Basic	1.26%	+0.49%
13	11	▼	R	1.25%	-0.01%
14	20	▲▲	Delphi/Object Pascal	1.20%	+0.48%
15	36	▲▲	Groovy	1.19%	+0.94%
16	14	▼	Ruby	1.18%	+0.13%
17	17		Perl	1.15%	+0.24%
18	15	▼	MATLAB	1.04%	+0.05%
19	13	▼▼	Swift	0.95%	-0.28%
20	19	▼	Objective-C	0.91%	+0.17%

Github 2021 Q1

# Ranking	Programming Language	Percentage (Change)	Trend
1	JavaScript	18.756% (+0.053%)	
2	Python	16.628% (+0.390%)	
3	Java	11.680% (+0.742%)	
4	Go	7.829% (-1.176%)	
5	Ruby	7.588% (+0.776%)	^
6	C++	6.985% (-0.439%)	v
7	TypeScript	6.604% (-0.164%)	
8	PHP	5.081% (-0.046%)	
9	C#	3.614% (-0.221%)	
10	C	3.253% (+0.072%)	

Stackoverflow 2020



Fuente:

<https://insights.stackoverflow.com/survey/2020#technology-programming-scripting-and-markup-languages-all-respondents>

Desarrollo Desktop



- AWT
- Swing
- JavaFX



- Windows Forms
- Windows Presentation Foundation (WPF)
- Universal Windows Platform (UWP)



- GTK



- QT
- SDL
- DirectX
- OpenGL



- PyQt
- Tkinter
- Kivy
- WxPython
- PyGUI



- Electron
- NW.js
- AppJS
- Meteor
- Proton Native
- React Native
- NodeGUI



- GTK
- Glimmer



- Go-gtk
- gotk3
- qt
- walk



- kdabir/awesome-groovy

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Desarrollo Web



- Angular
- React.js
- Vue.js
- JQuery
- Svelte
- Next.js
- NestJS*
- Nodejs* (Express)



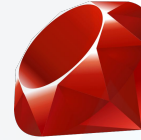
- Gorilla
- Martini
- Beego
- Gin
- Buffalo

- Servlets
- JSP
- JSF
- Primefaces
- Omnifaces
- Spring Boot
- Spring MVC
- Webflux
- Thymeleaf
- Struts
- Play
- Vaadin
- GWT
- ZK



- Grails
- Spring Boot
- kdabir/awesome-groovy

- ASP.NET
- ASP.NET MVC
- Web API
- Spring.NET
- NET Core



- Ruby on Rails
- Sinatra



- Laravel
- Symfony
- CodeIgniter
- Zend
- Yii

- Django
- CherryPy
- Pyramid
- Grok
- Flask



- Spring Boot
- Spring MVC (REST)

- Sactix-web
- rocket
- tide
- warp

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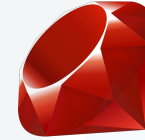


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Desarrollo Móvil



- Android SDK



- iOS SDK



- IONIC
- ReactNative
- NativeScript
- JQuery
- Mobile
- PhoneGap*




- Flutter



- Xamarin

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Machine Learning y Análisis de Datos



- NumPy
- SciPy
- Scikit-learn
- TensorFlow
- Keras
- PyTorch
- Pandas



- DBI
- odbc
- RMySQL,
- RPostgresSQL,
- RSQLite
- tidyverse
- ggplot2



- Deeplearning4j
- JavaML
- Weka
- JSAT
- MOA



- Breeze
- Saddle
- Scalalab
- Epic
- Apache Spark



- Synaptic
- Brain.js
- TensorFlow.js
- Mind
- ConvNetJS
- Keras.Js



- PL/SQL
- T-SQL
- PL/PgSQL



- Flux
- Mocha.jl
- TensorFlow.jl
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- Merlin
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- Clojure BigData Solutions

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Videojuegos



- SFML
- GLFW
- Unity



- Unity
- Duality
- AGKSharp
- MonoGame
- Cocos2d-x
- Phaser
- Banshee 3D



- Jumper
- Vivid
- Busted
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- LWJGL
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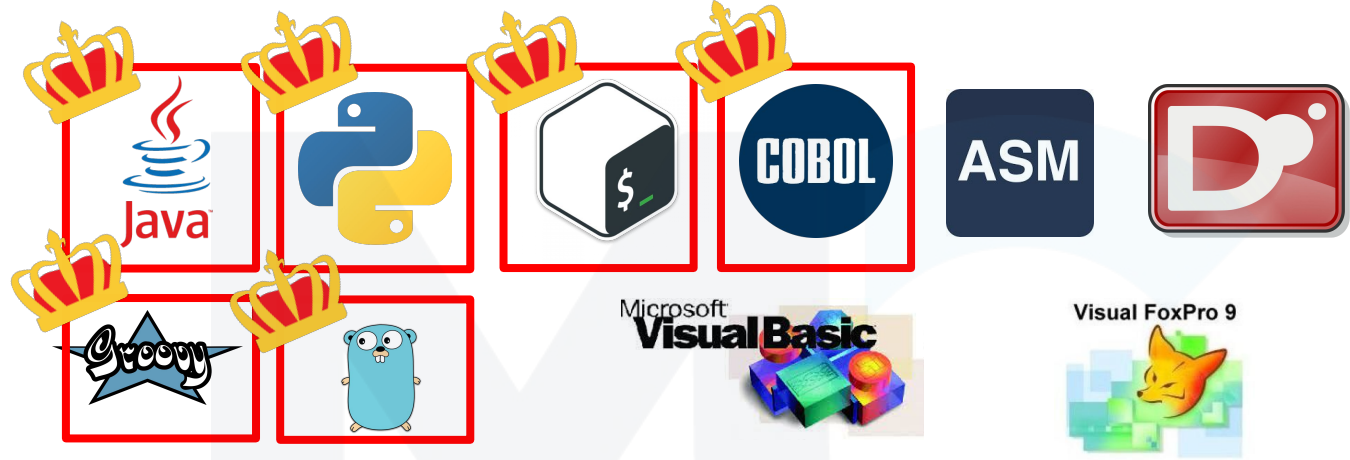


Scripting, Network, Batch, Mainframes, OS, Servers



```
Carrier 1:54 PM 100%
**** COMMODORE 64 BASIC V2 ****
64K RAM SYSTEM 38911 BASIC BYTES FREE
READY.
load"CIRCLE.BAS"
READY.
run
Circle & Sphere Formulas
Radius? 5
Circle Circumference = 31.415927
Circle Area = 78.5398175
Sphere Surface Area = 314.15927
Sphere Volume = 523.598784
READY.
list
10 PRINT "Circle & Sphere Formulas"
20 PI = 3.1415927
30 INPUT "Radius": R
40 PRINT "Circle Circumference = "; 2 * PI * R
50 PRINT "Circle Area = "; PI * R^2
60 PRINT "Sphere Surface Area = "; 4 * PI * R^2
70 PRINT "Sphere Volume = "; 4 / 3 * PI * R^3
80 END
READY.
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PASCAL

Fortran

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¡Gracias
Coders!