



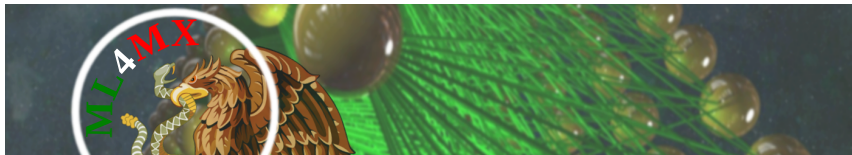
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You can download the sources of this presentation here:

<https://github.com/mxochicale/chamaleon-mx>



Challenges in Reproducibility of Machine Learning, Open Source Tools and Mexican Open Datasets

🐦@ML4MX #ML4MX

Miguel P Xochicale

🐦@_mxochicale 🐙@mxochicale

<https://github.com/mxochicale/chamaleon-mx>

REPRODUCIBILITY IN ML & AI

REPRODUCIBILITY PROBLEM IN AI



“In Artificial Intelligence, only 6% of 400 included code.”

REPRODUCIBILITY PROBLEM IN AI



“Most Artificial Intelligence researchers don’t report the source code, or the data that AI are trained on.”

REPRODUCIBILITY CRISIS IN ML

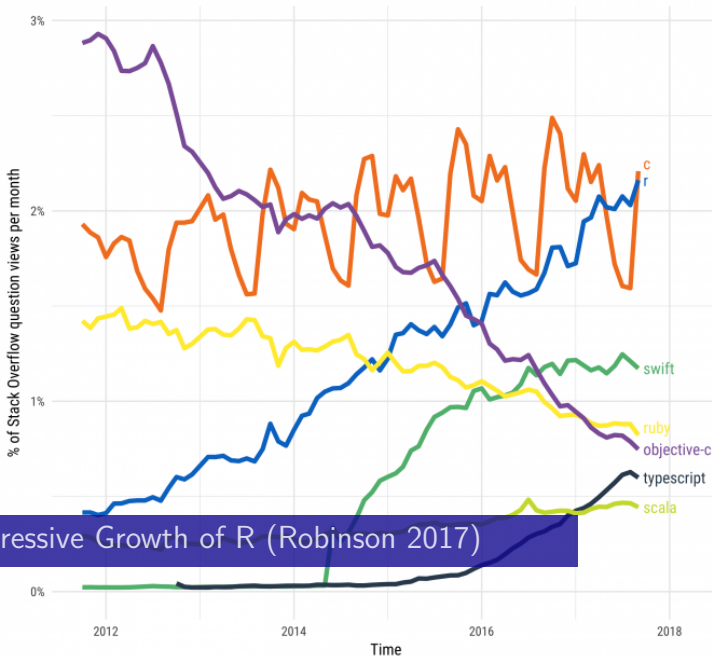


“Machine Learning is by far the worst environment I’ve ever found for collaborating and keeping track of changes.”

OPEN SOURCE SOFTWARE TOOLS

Stack Overflow Traffic to Programming Languages

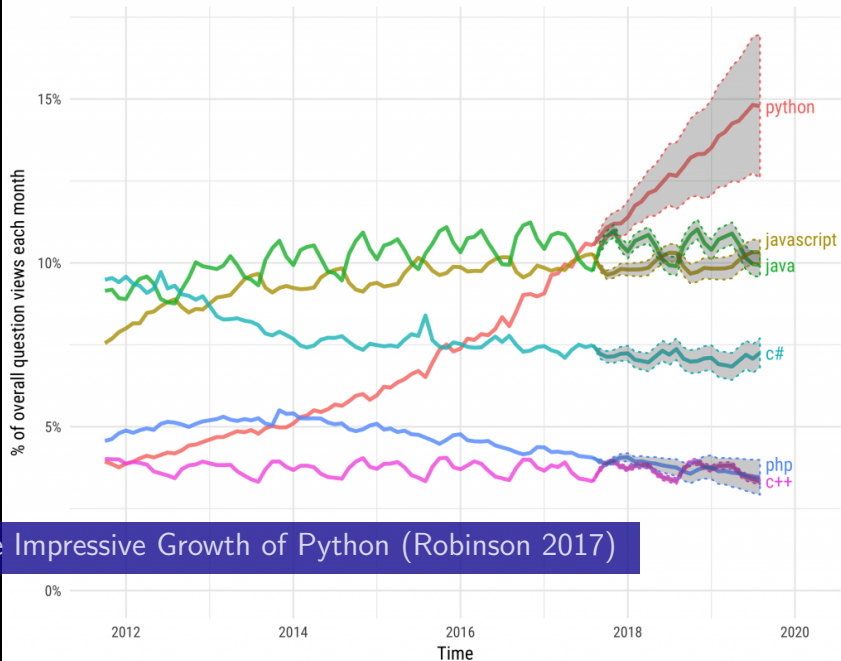
Based on visits to Stack Overflow questions from World Bank high-income countries.
The more-visited languages of Python, JavaScript, Java, C#, and PHP were omitted.



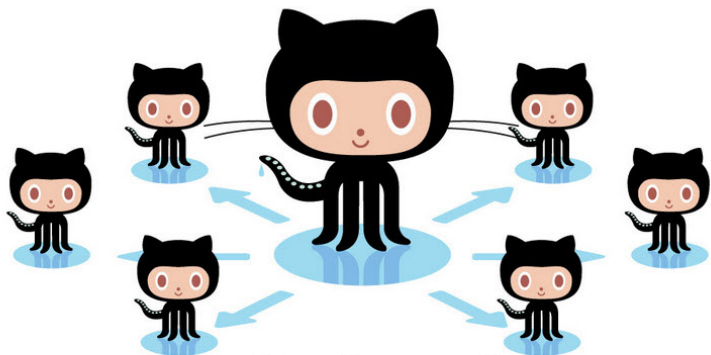
The Impressive Growth of R (Robinson 2017)

Projections of future traffic for major programming languages

Future traffic is predicted with an STL model, along with an 80% prediction interval.



The Impressive Growth of Python (Robinson 2017)



github
SOCIAL CODING

Learn to use GitHub (<https://github.com/>)

MEXICAN OPEN DATASETS

MEXICAN OPEN DATASETS?



- * Portal de Datos Abiertos del Gobierno de la República
[<https://datos.gob.mx/>]
 - Calidad de Aire de SINAICA [Formato json]
 - Condiciones Atmosféricas [Formato json]
 - Gasolineras y Precios Comerciales de Gasolina y Diesel [Formato xml]
 - Contrataciones Abiertas [Formato json]
- * Comunidad de práctica de datos abiertos en Mexico [twitter @OpenDataMX]
- * Construimos herramientas digitales para fortalecer a la ciudadanía. [twitter @CivicaDigical]

@DatosGobMX so the questions are: 1, who in MEX is doing #MachineLearning with #OpenData of @DatosGobMX ? 2. Can u share the contact of those persons?

12:11 PM - 20 Feb 2018

1 Retweet 2 Likes



Tweet your reply

**STILL WAITING
FOR REPLIES!**

PREGUNTAS?

TAKE AWAY MESSAGES



- choose LIBRE over close
- choose SIMPLE over easy
- learn / teach / build / share
- give your stuff away
- LEARN FROM:
<https://rescience.github.io>
- JOIN US:
<https://github.com/ml4mx>



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🐦@ML4MX #ML4MX

Miguel P Xochicale

🐦@_mxochicale 🐙@mxochicale

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