

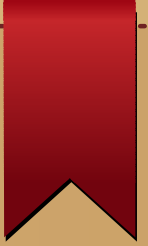


Code Performance with Benchmark Numbers

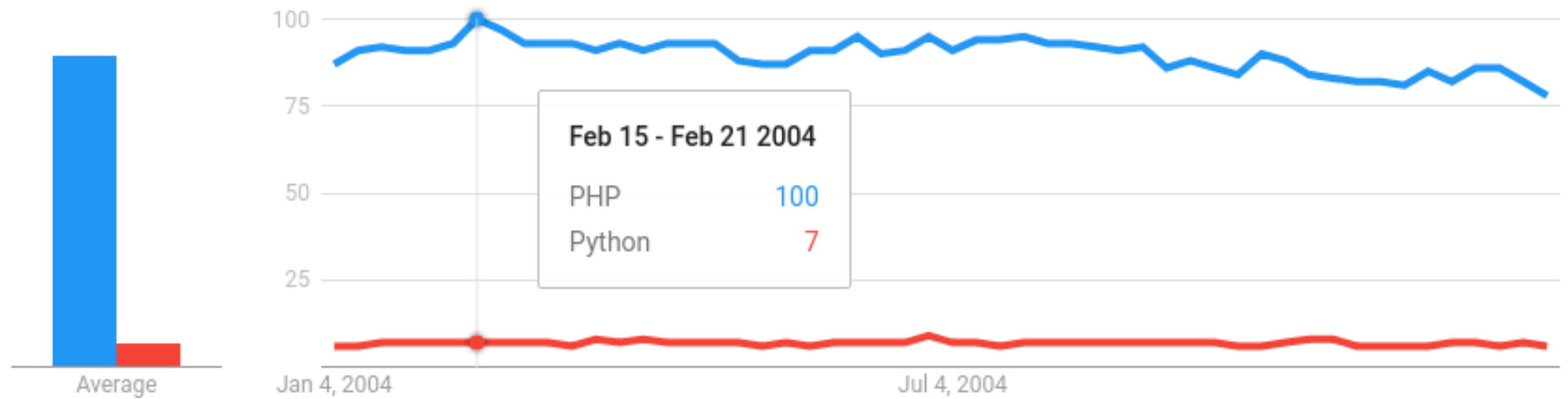


Romnick Mamisay
IntegrityNet Solutions & Services | Software Developer

PHP and Python in 2004

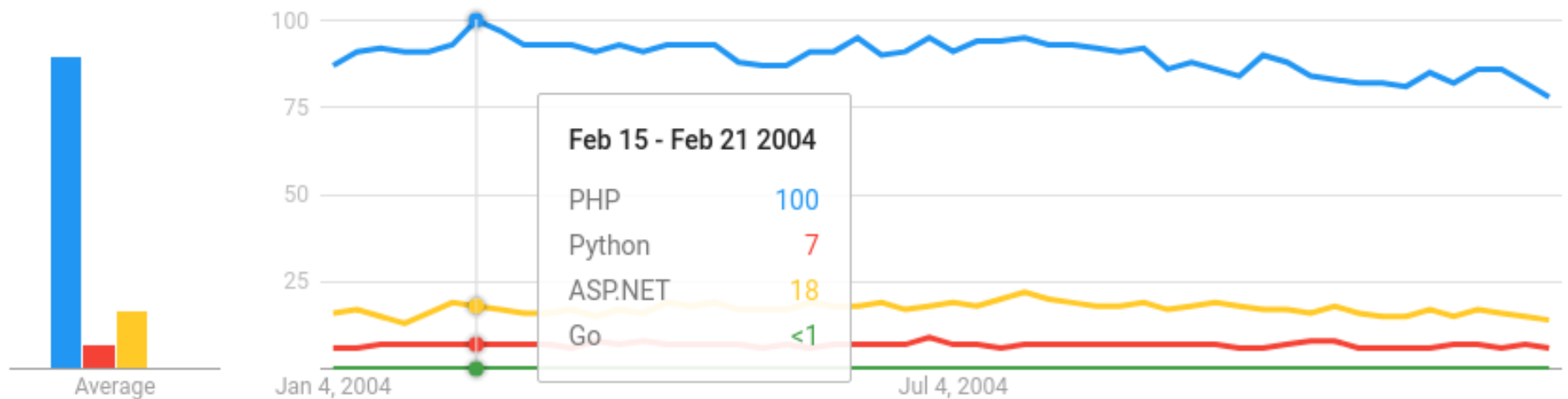


Interest over time

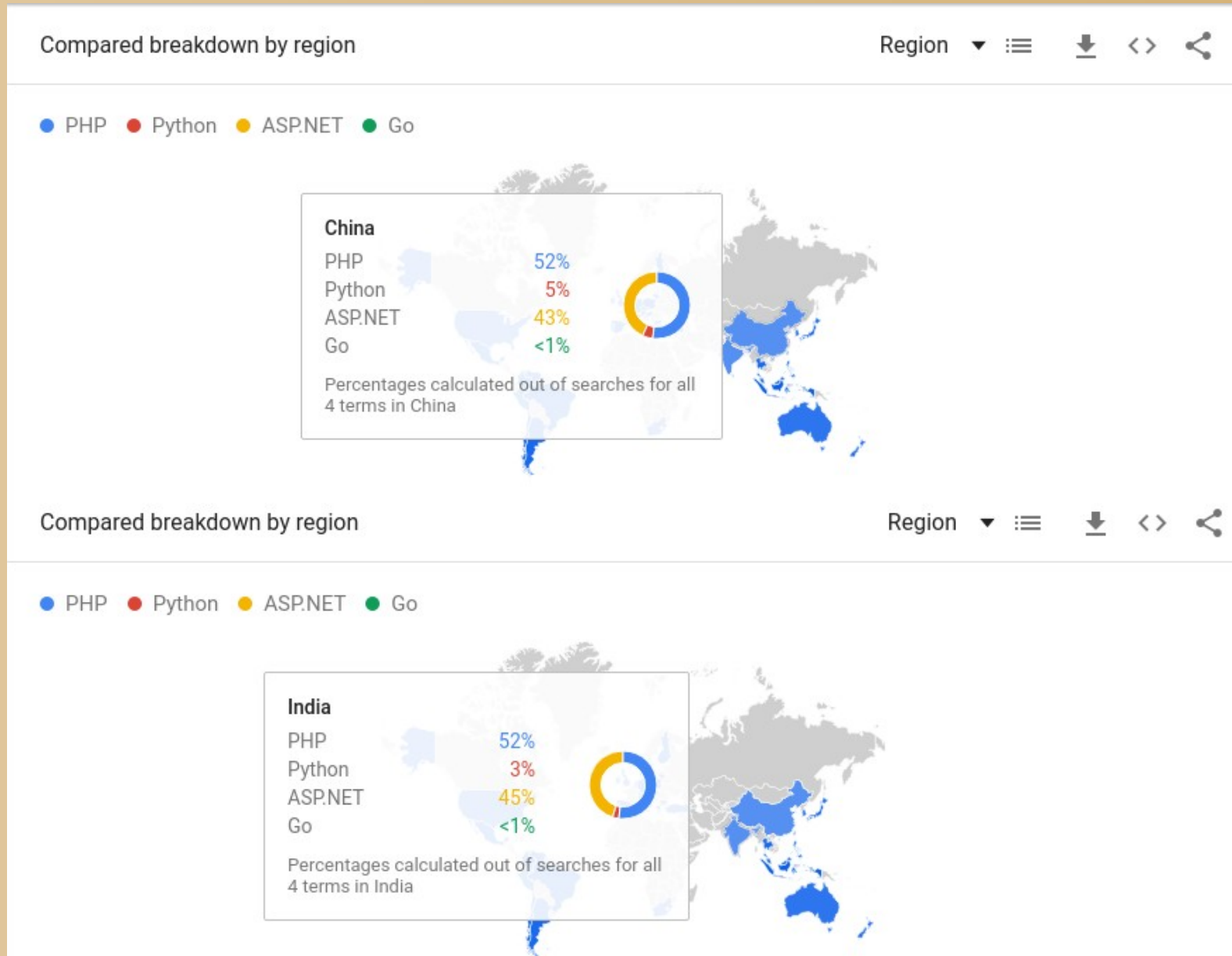


Programming languages in 2004

Interest over time ?



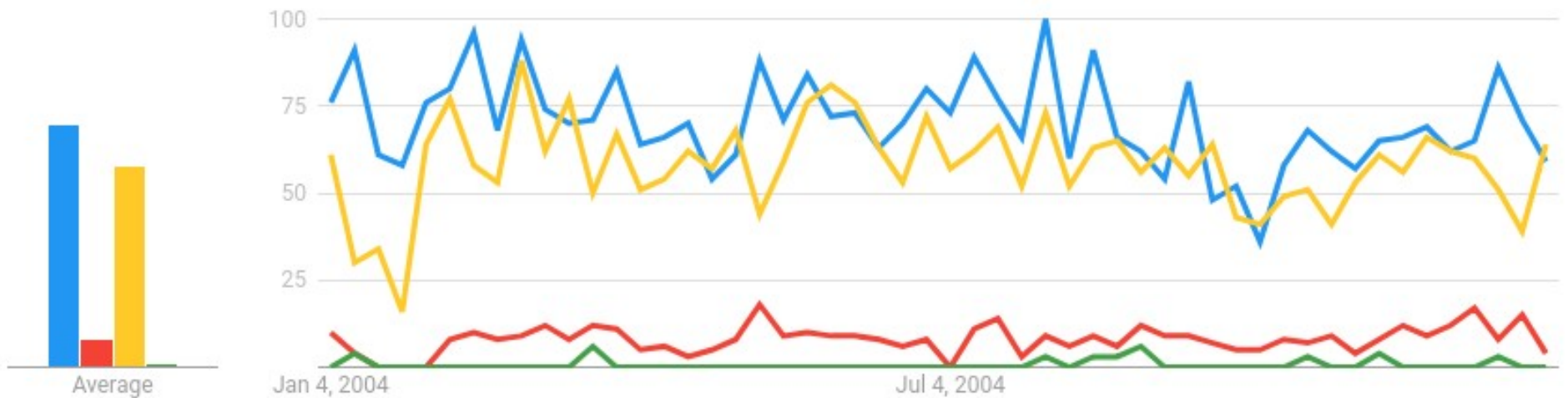
ASP.NET in China and India



Programming Trend in China

China ▼ 2004 ▼ Programming ▼ Web Search ▼

Interest over time ?

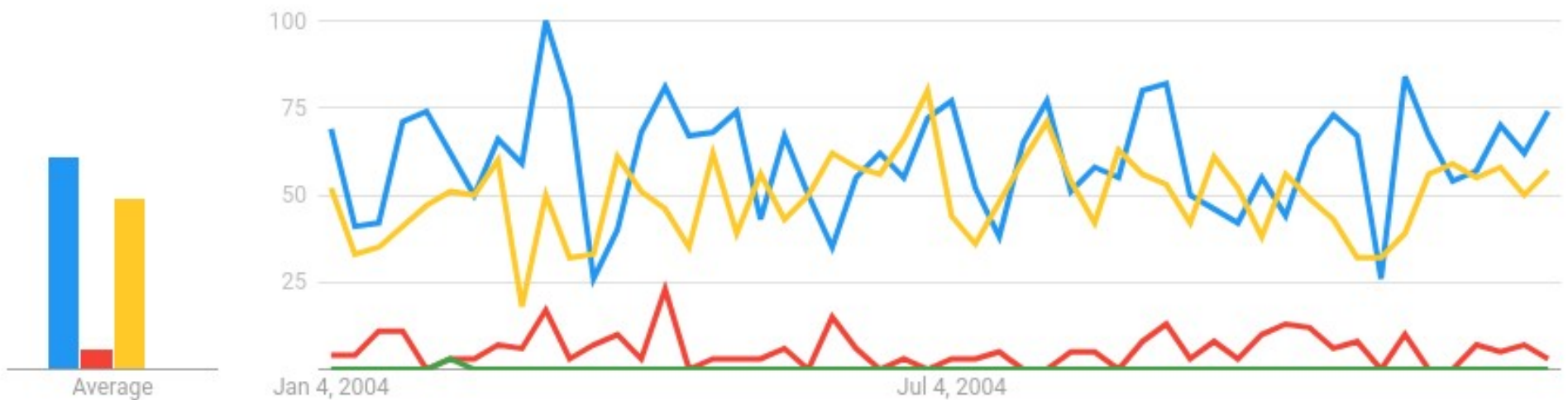


● PHP ● Python ● ASP.NET ● Go

Programming Trend in India

India ▼ 2004 ▼ Programming ▼ Web Search ▼

Interest over time (?)

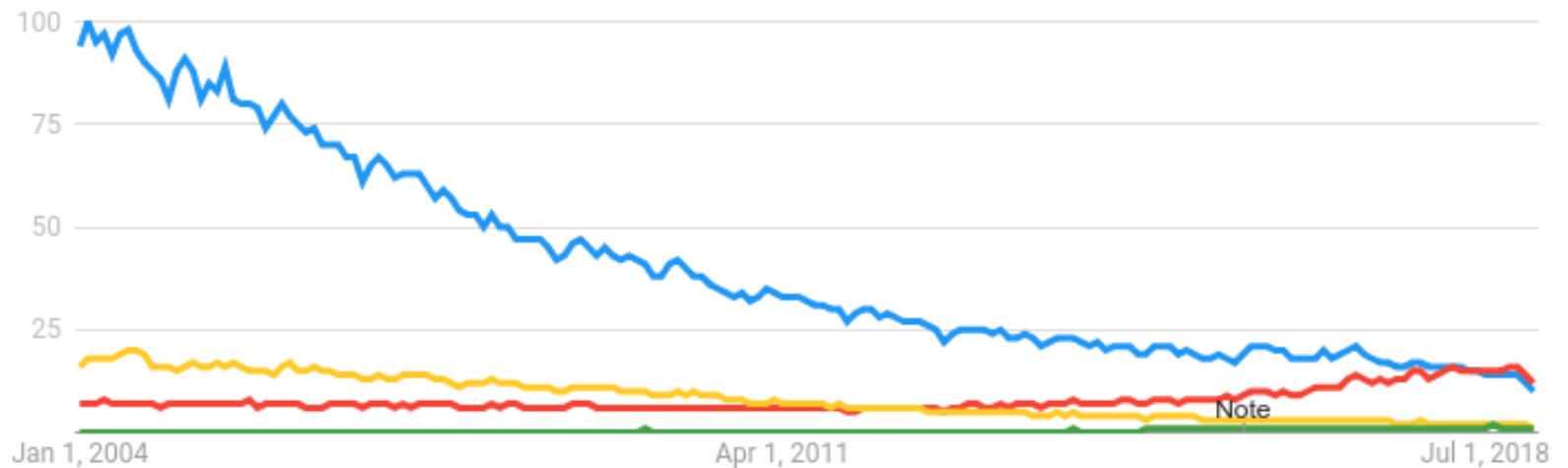
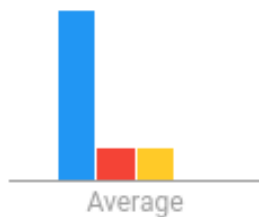


● PHP ● Python ● ASP.NET ● Go

2004 - present

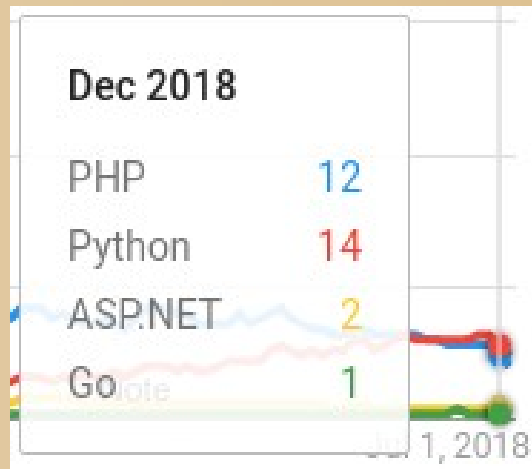
Worldwide ▾ 2004 - present ▾ Programming ▾ Web Search ▾

Interest over time ?



● PHP ● Python ● ASP.NET ● Go

Percentage of Popularity by Month

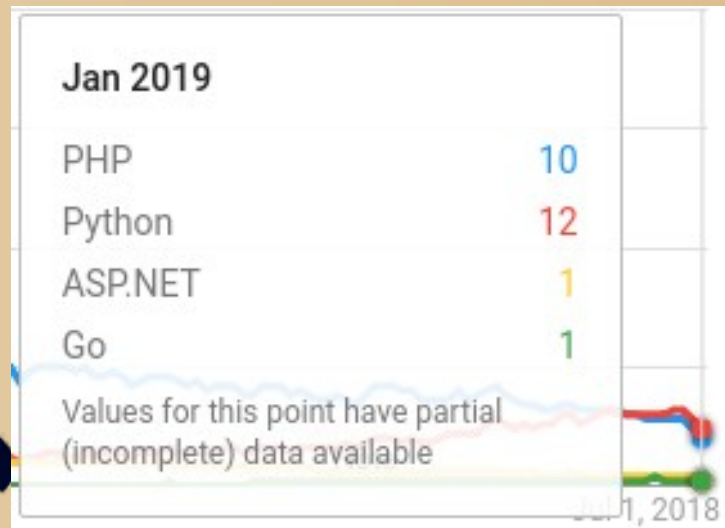


PHP – 41%

Python – 48%

ASP.NET – 7%

Go – 4%



PHP – 42%

Python – 50%

ASP.NET – 4%

Go – 4%

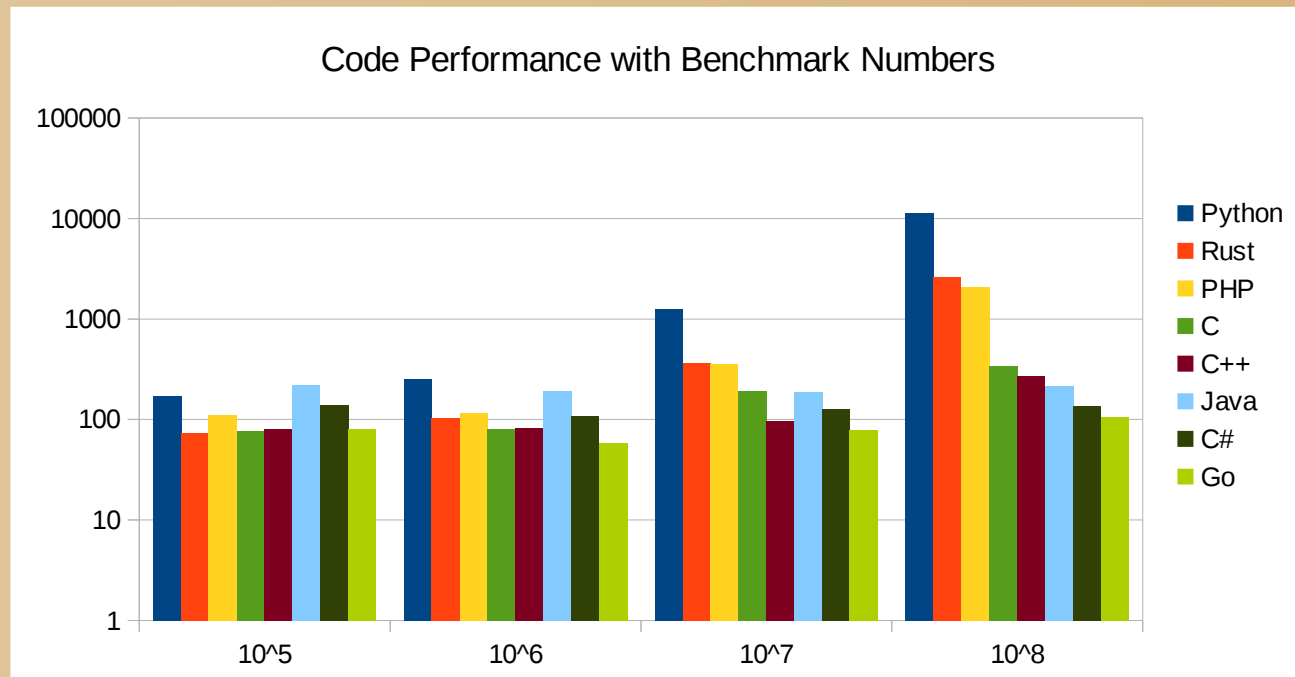
Results in Windows

	10 ⁵	10 ⁶	10 ⁷	10 ⁸
Python	171.3	252.3	1265	11445
Rust	73.7	103.3	366.7	2606.6
PHP	110.3	116.3	355	2071
C	76.7	81	190	344
C++	80.3	83	95.7	273.3
Java	221	192.3	186.3	213
C#	139	109.3	127.8	137
Go	80.3	58	79.3	105.3

Go vs. Python = 109x faster

Go vs. PHP = 20x faster

Go vs. C = 3x faster



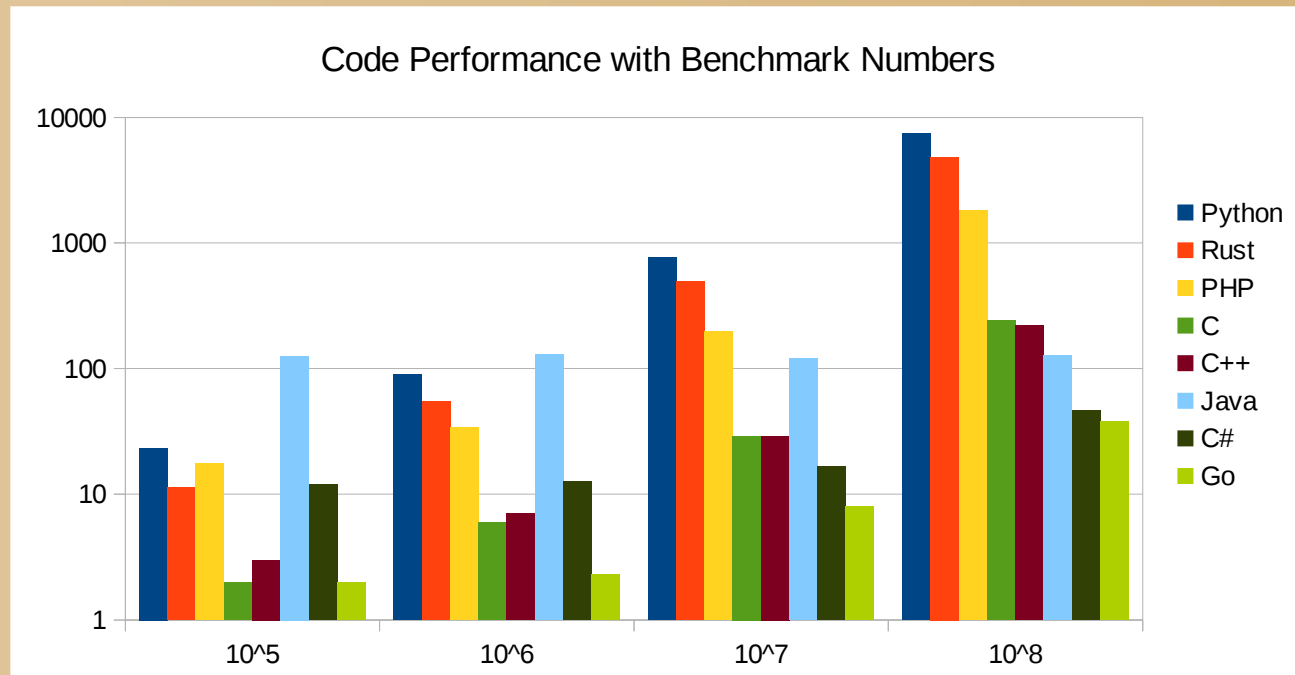
Results in Linux

	10^5	10^6	10^7	10^8
Python	23.3	89	762.3	7389.3
Rust	11.3	54.3	492.7	4848.3
PHP	17.7	34	199	1825.5
C	2	6	29	242.7
C++	3	7	29	221.7
Java	126	128.7	120	127
C#	12	12.7	16.7	46
Go	2	2.3	8	38

Go vs. Python = 194x faster

Go vs. PHP = 48x faster

Go vs. C = 6x faster



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Thank you!