

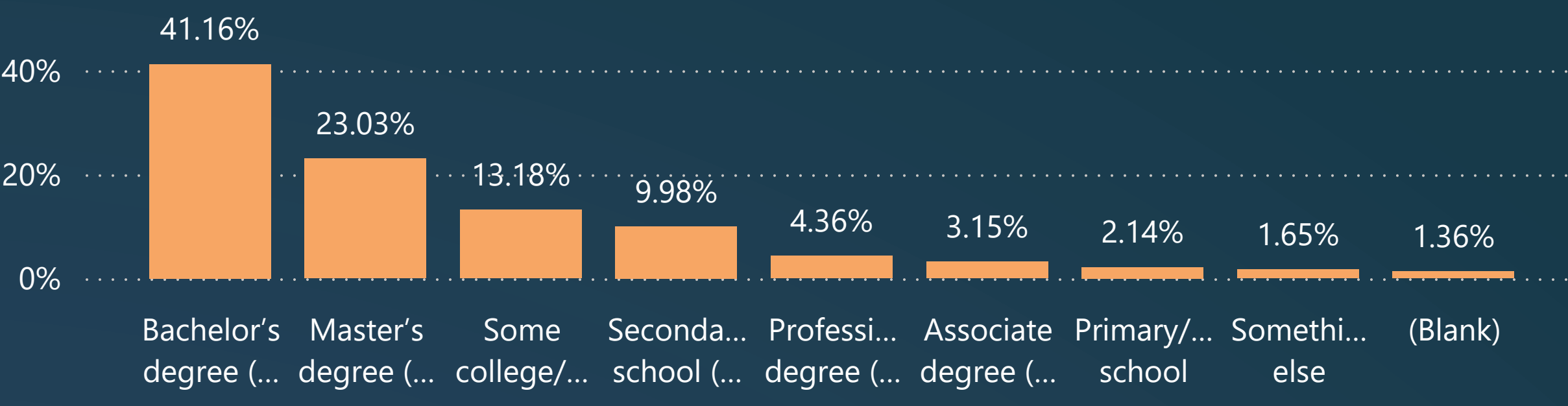


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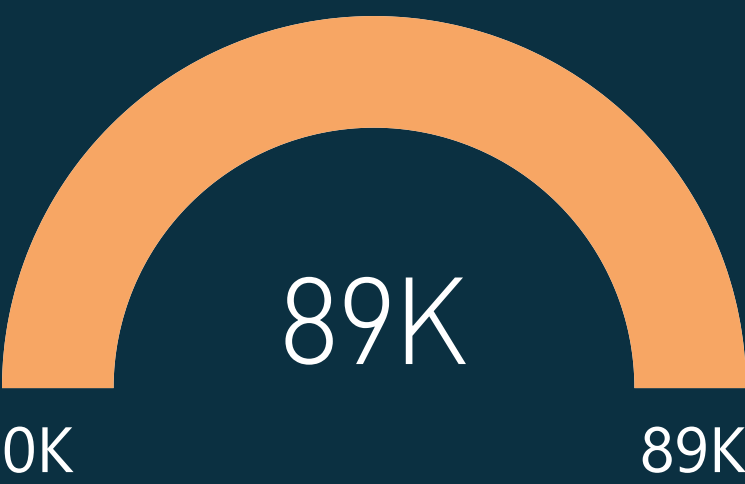
Demographics

Professional	Learning to code	Others
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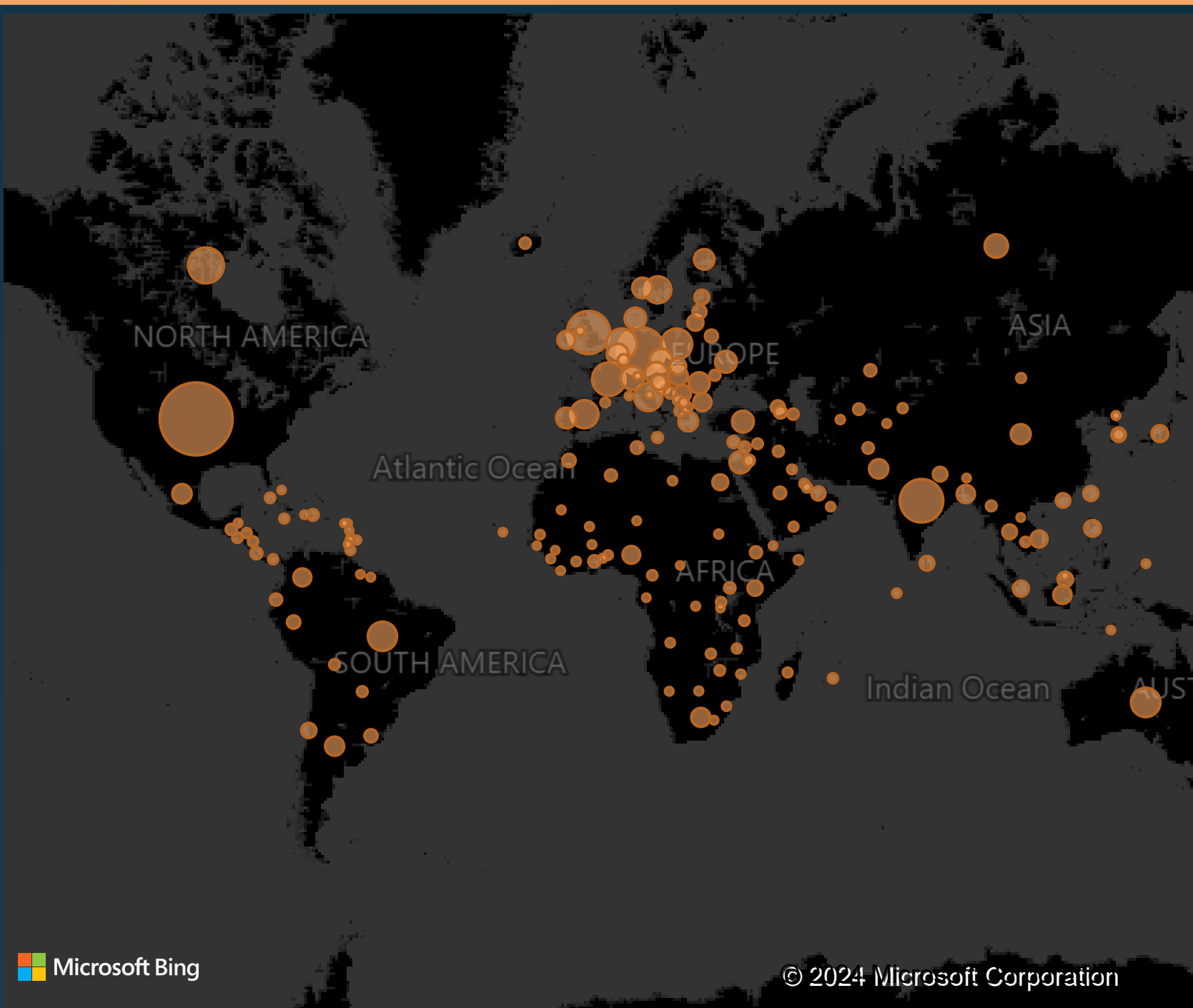
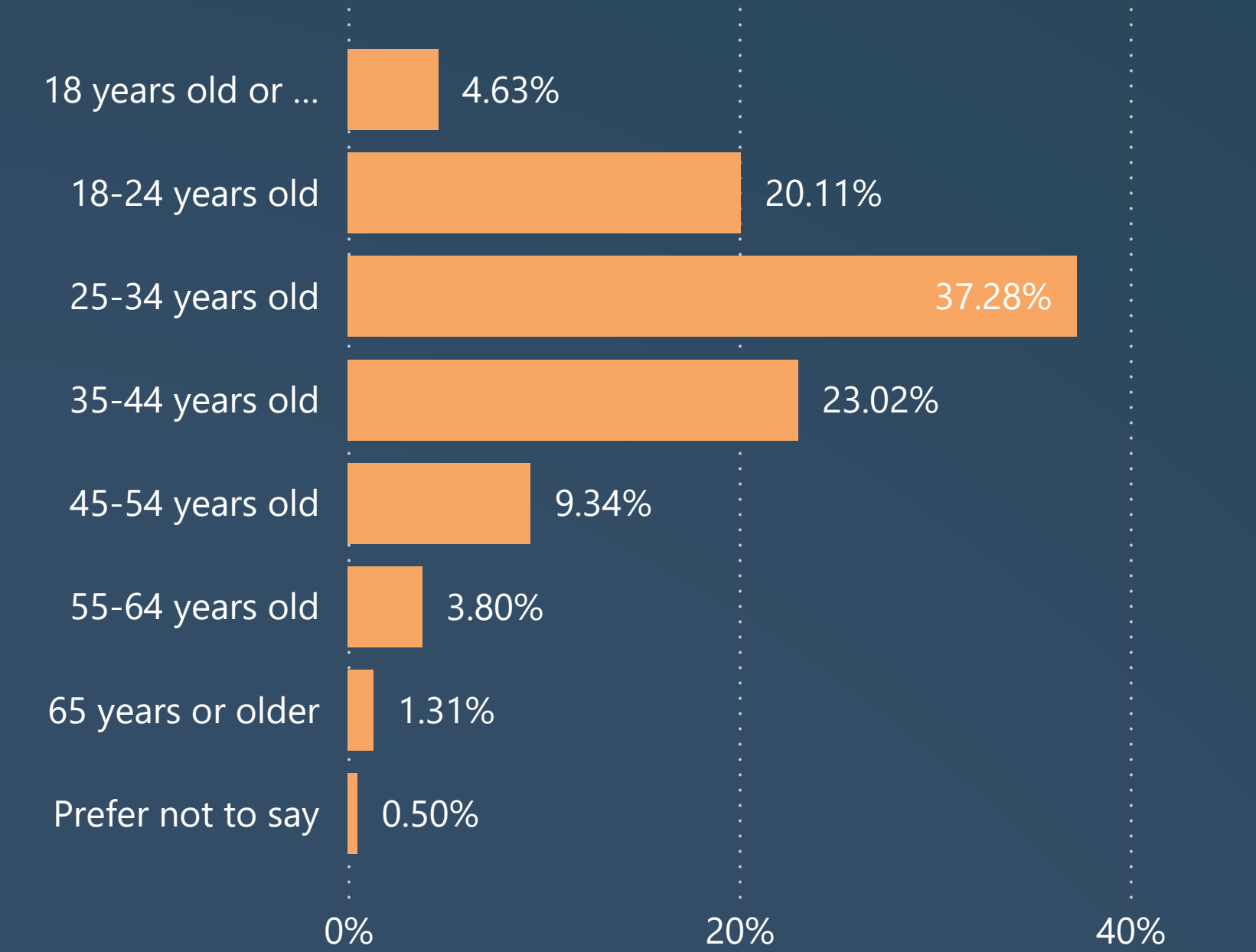
Education



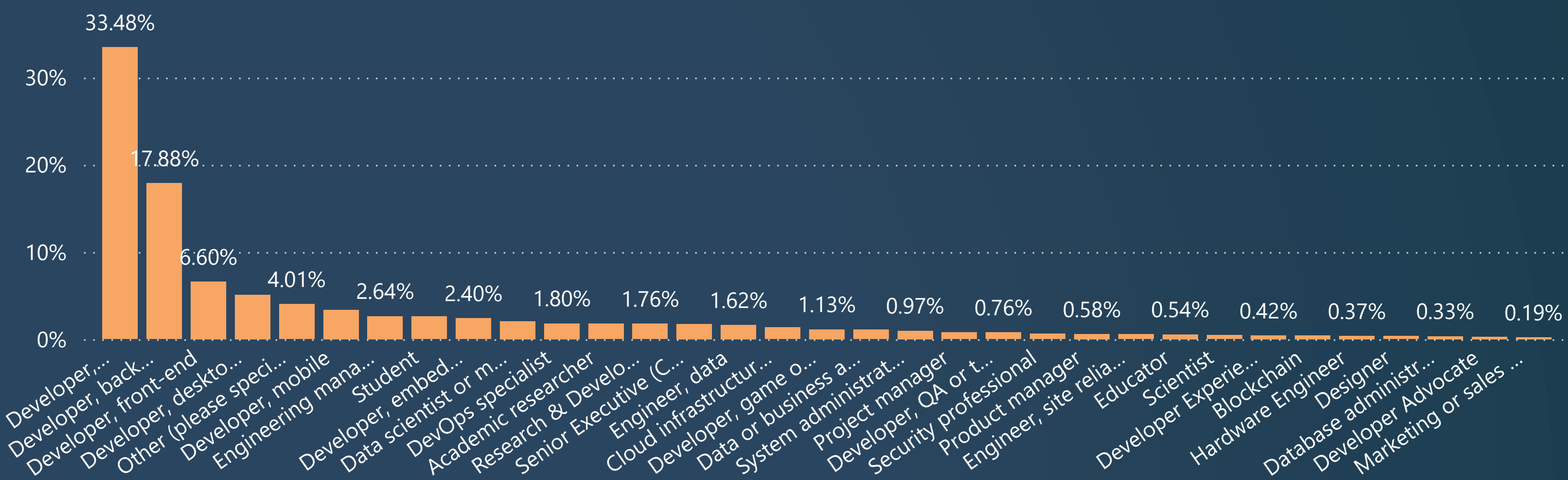
Responses



Age



Developer type



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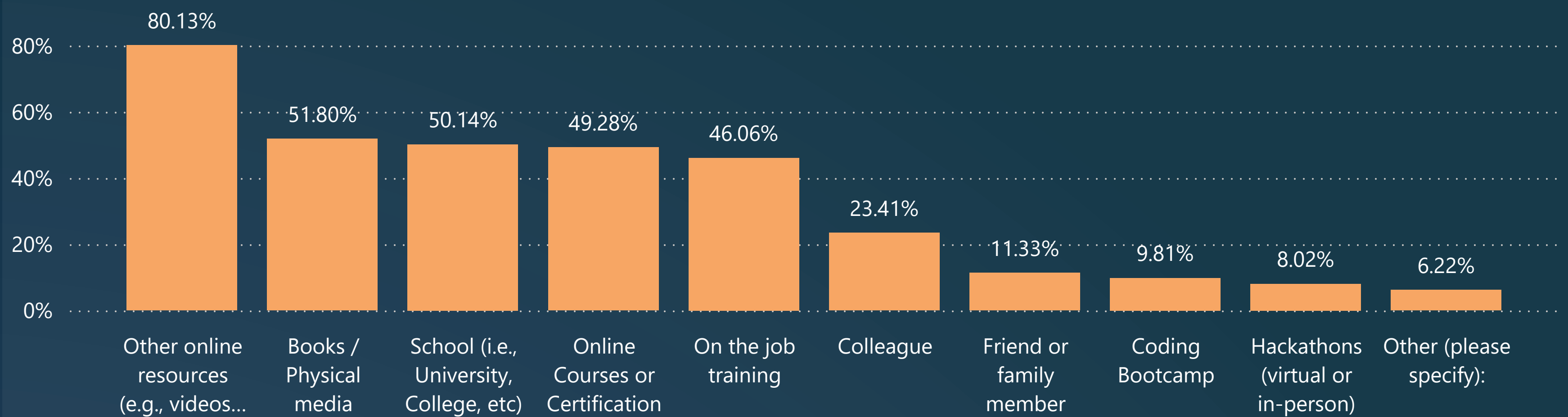
Learning to code

Professional

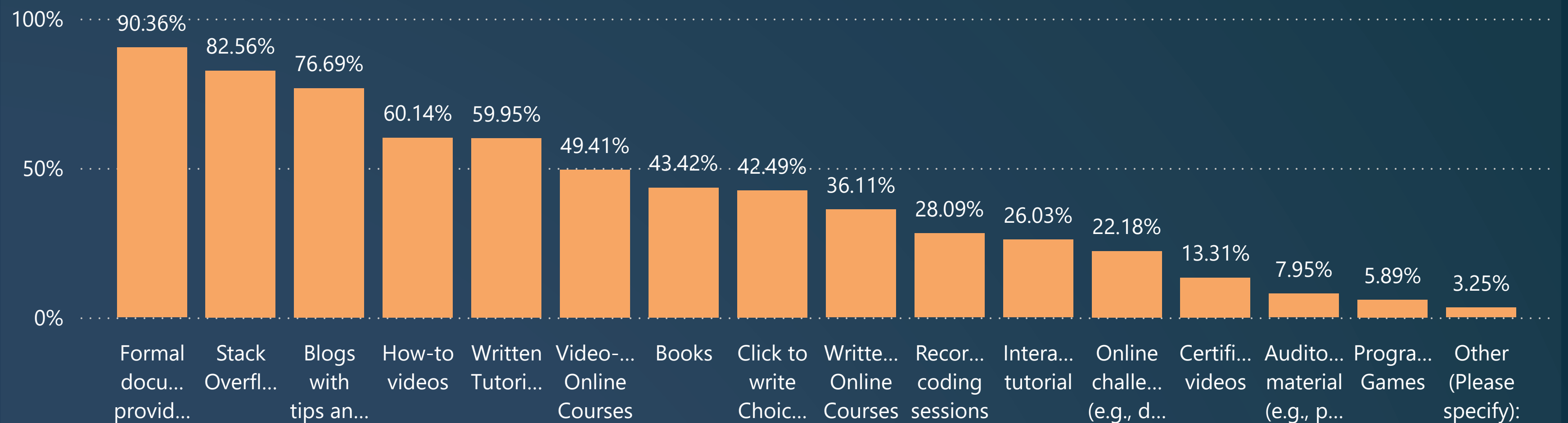
Learning to code

Others

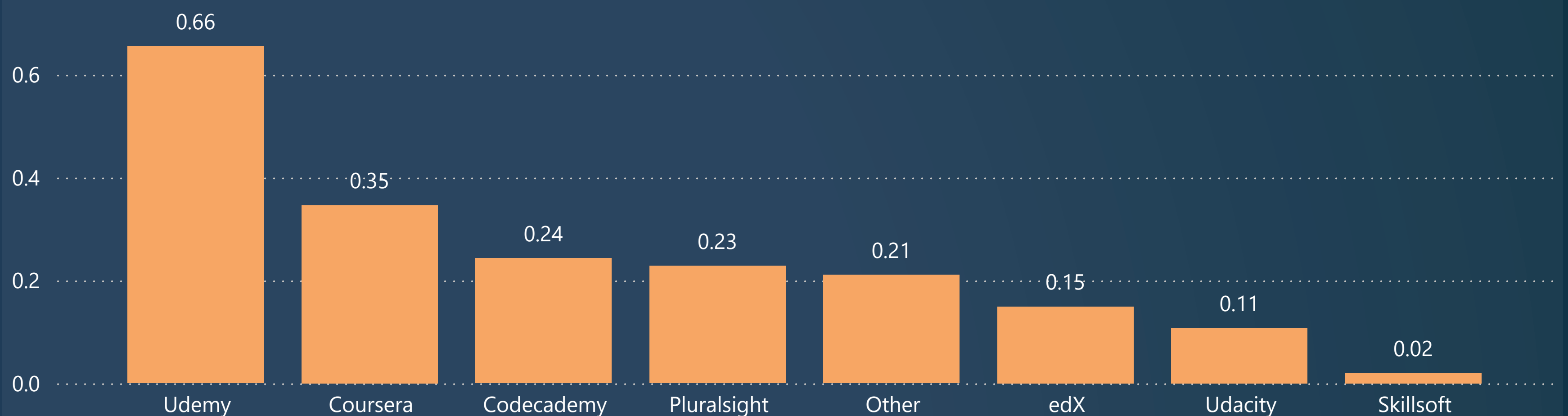
Learning how to code



Learning how to code online



Learning how to code online



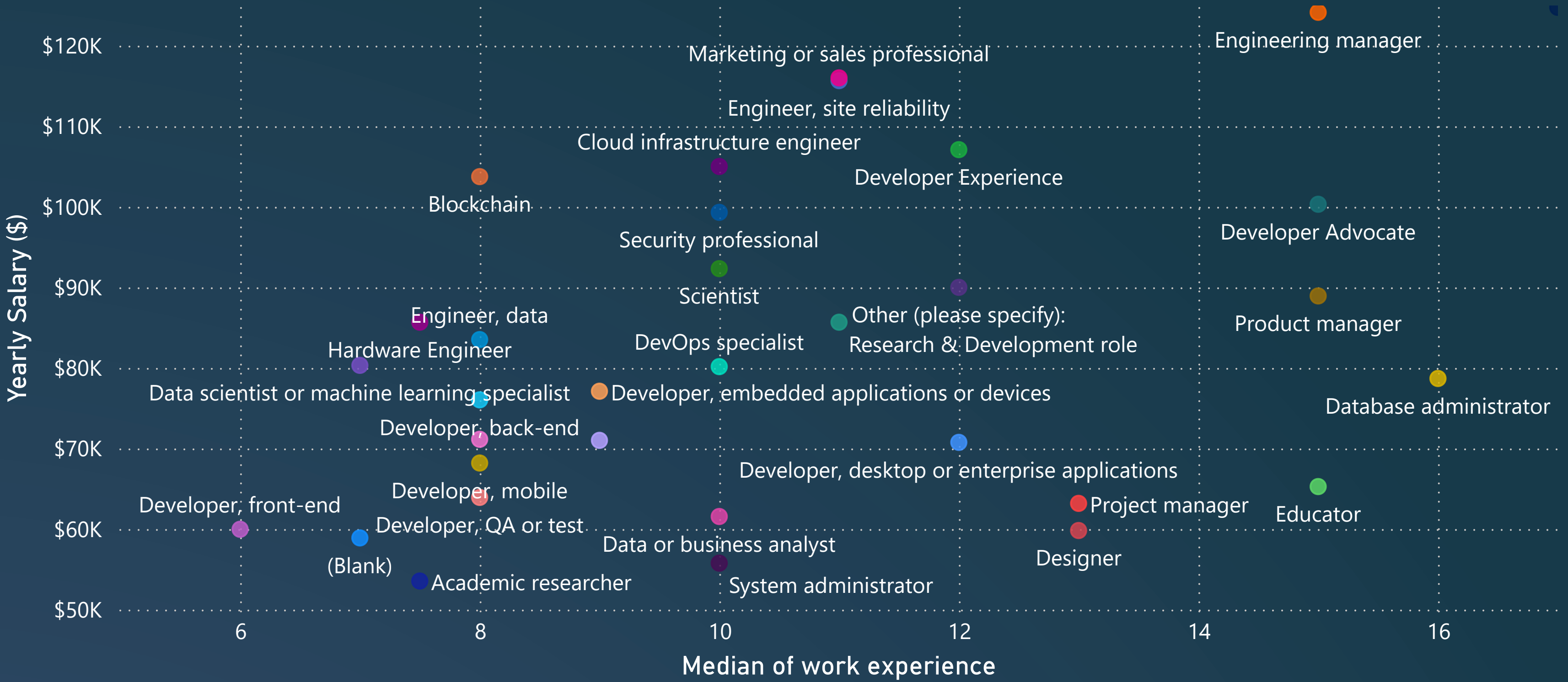


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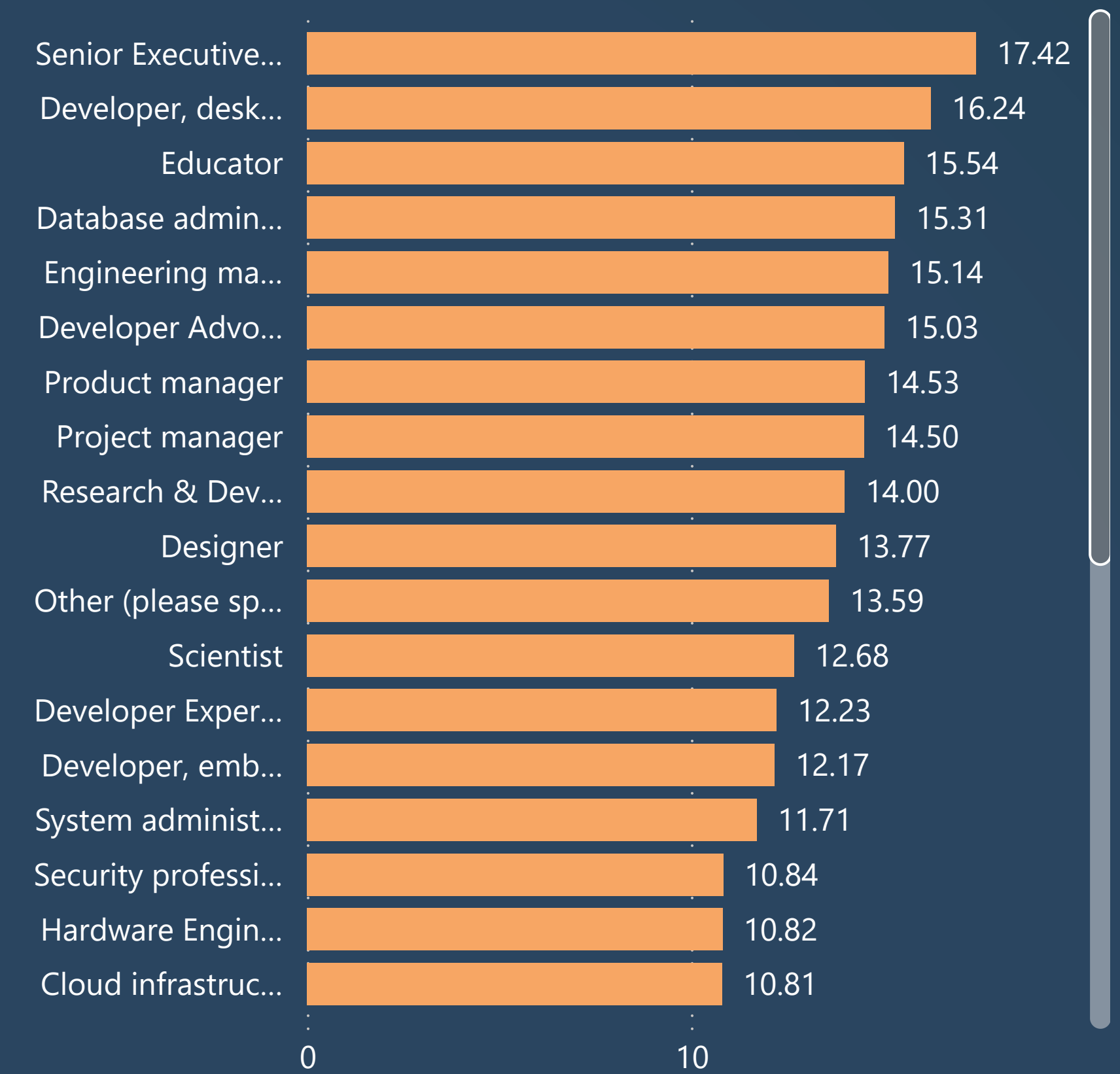
Salary & Experience

Professional	Learning to code	Others
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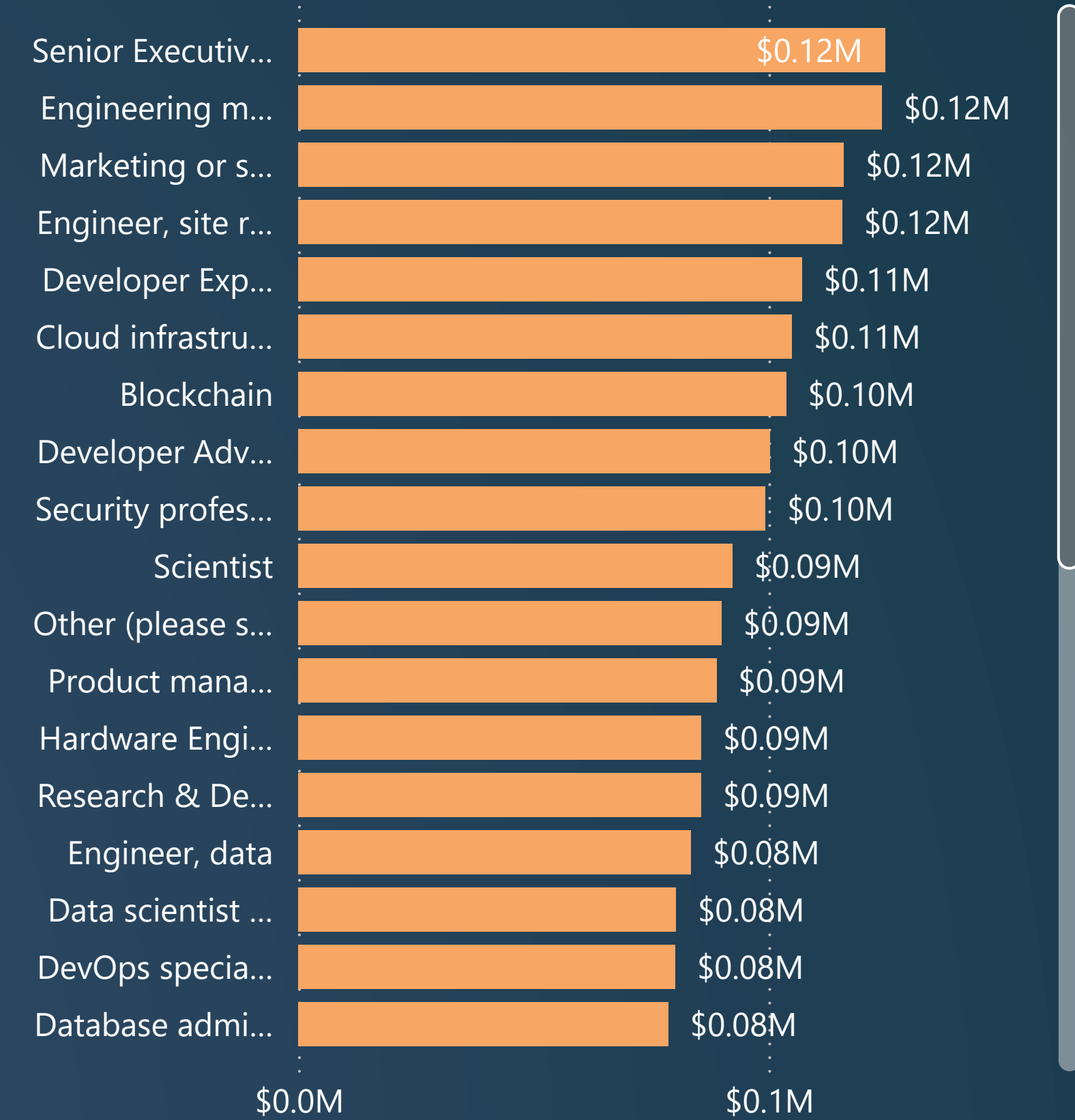
Relationship Between Median Experience and Median Salary by Developer Type



Average years of experience by dev type



Median yearly salary by dev type





Stack Overflow Survey 2023

Programming Languages

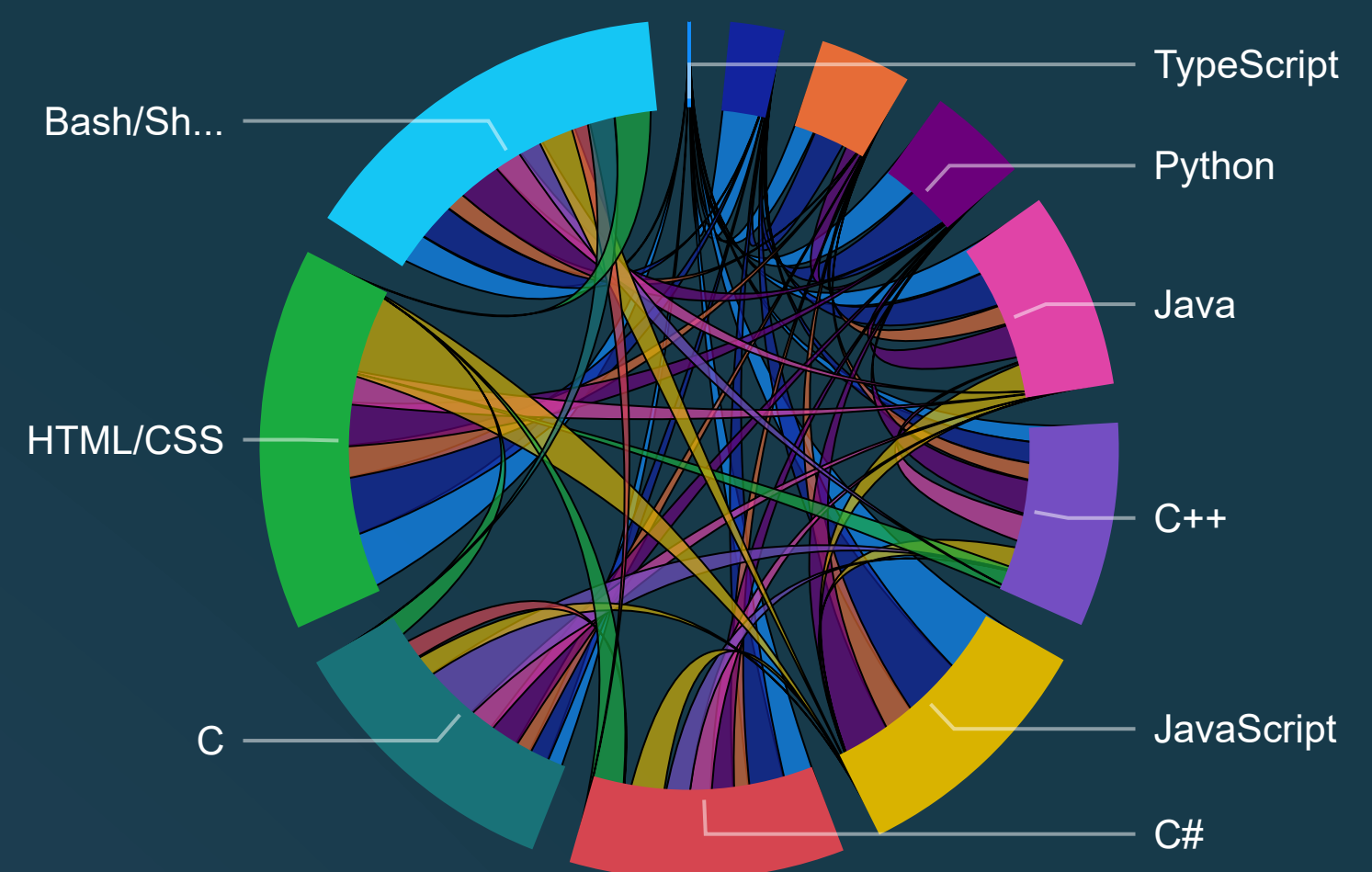
Professional

Learning to code

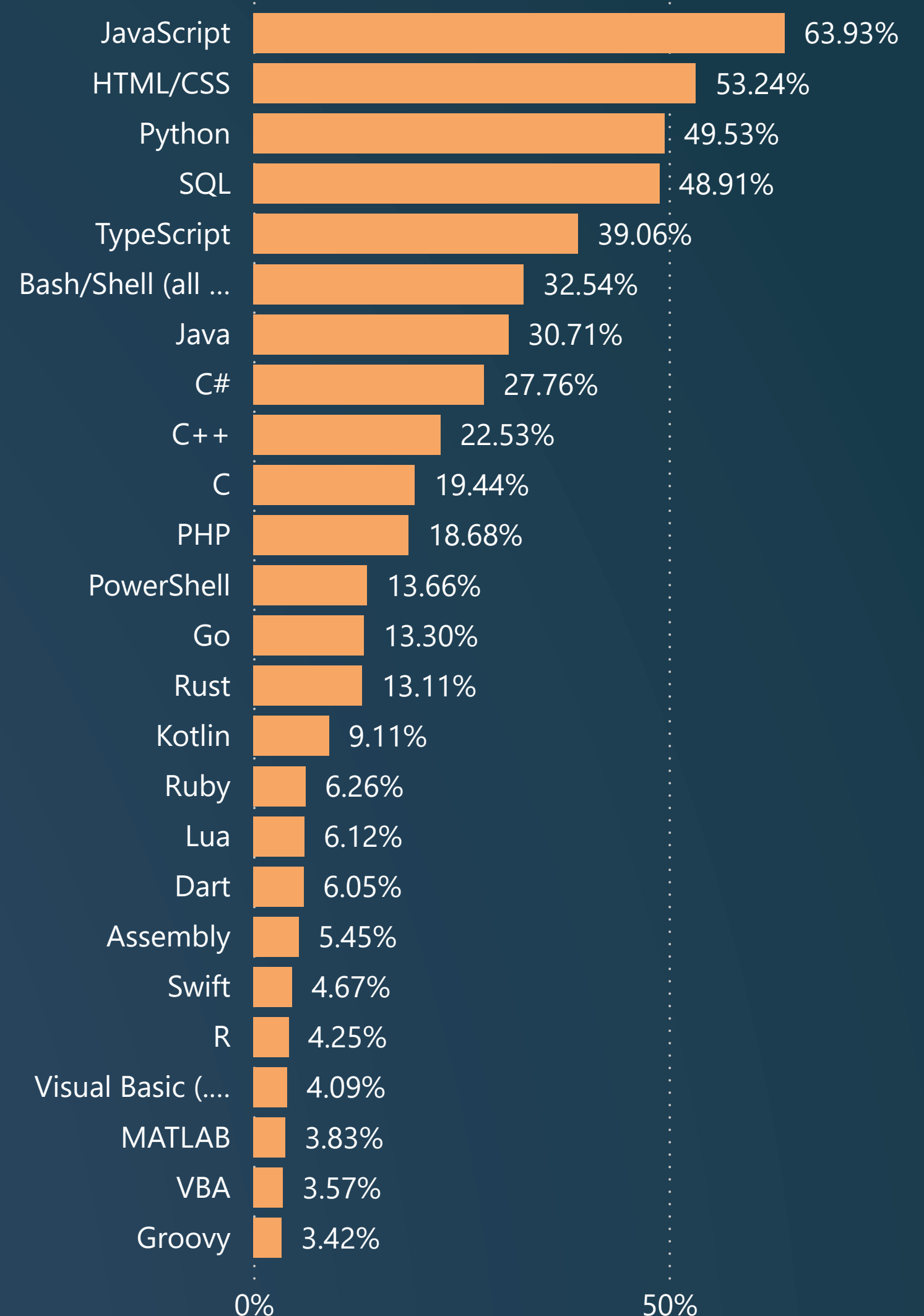
Others

Jaccard Index Matrix of Programming Languages

language	C	C#	C++	HTML/CSS	Java	JavaScript	PHP	Python	SQL	TypeSc ript
▲										
Bash/Shell (all shells)	0.22	0.15	0.21	0.29	0.23	0.30	0.15	0.35	0.30	0.24
C		0.15	0.45	0.17	0.21	0.17	0.14	0.25	0.16	0.12
C#			0.19	0.27	0.17	0.27	0.13	0.19	0.29	0.24
C++				0.18	0.21	0.19	0.13	0.27	0.17	0.14
HTML/CSS					0.27	0.67	0.26	0.35	0.46	0.44
Java						0.30	0.16	0.27	0.29	0.23
JavaScript							0.25	0.38	0.48	0.50
PHP								0.15	0.25	0.16
Python									0.36	0.26
SQL										0.33



Programming Languages frequency



Stack Overflow Survey 2023

Databases

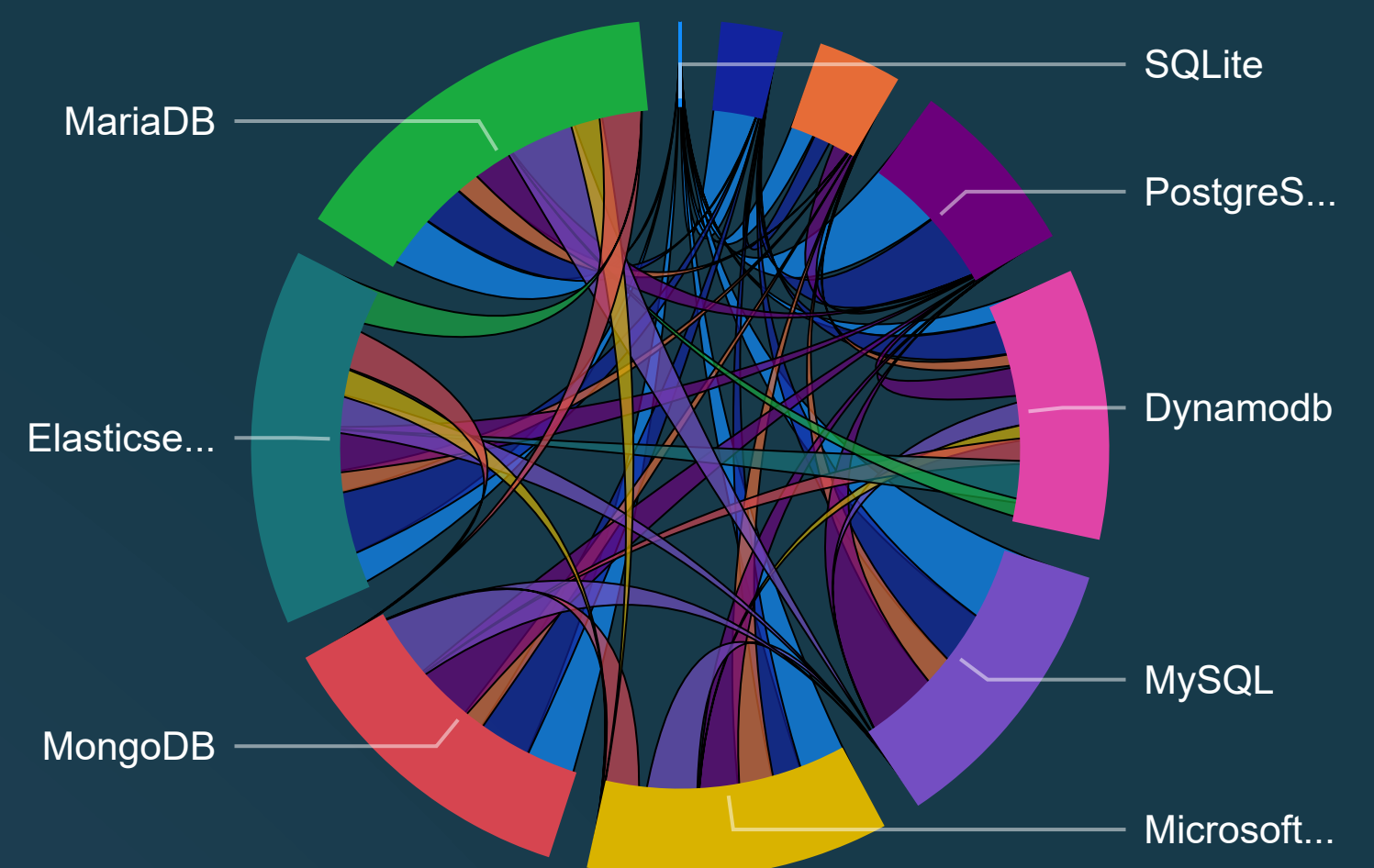
Professional

Learning to code

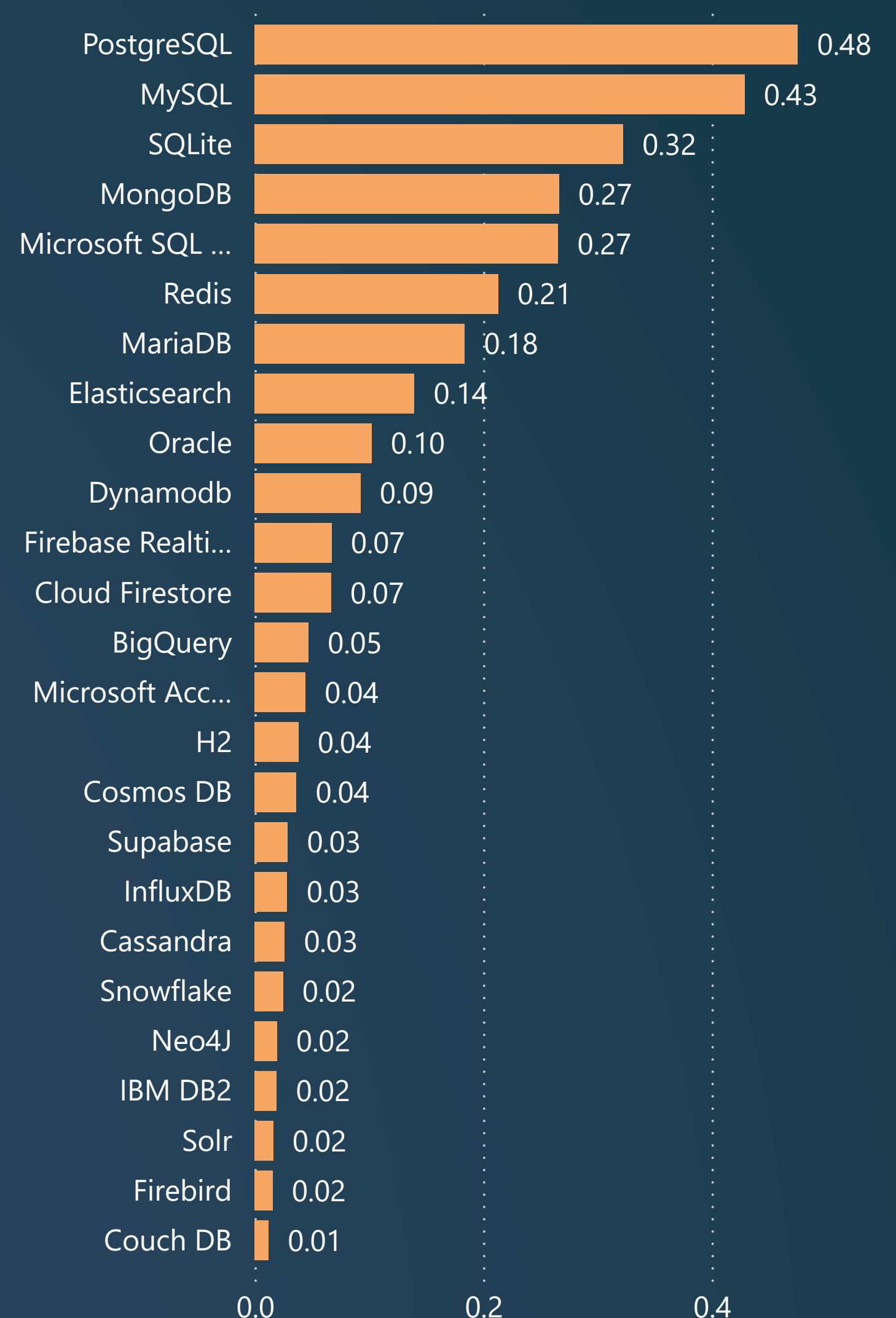
Others

Jaccard Index Matrix of Databases

Database	Elastic search	MariaDB	Microsoft SQL Server	MongoDB	MySQL	Oracle	Postgre SQL	Redis	SQLite
Dynamodb	0.16	0.07	0.06	0.10	0.09	0.04	0.11	0.13	0.07
Elasticsearch		0.14	0.10	0.15	0.15	0.08	0.17	0.24	0.12
MariaDB			0.12	0.16	0.28	0.09	0.16	0.17	0.20
Microsoft SQL Server				0.14	0.20	0.14	0.16	0.11	0.18
MongoDB					0.26	0.09	0.23	0.21	0.19
MySQL						0.11	0.28	0.20	0.28
Oracle							0.09	0.06	0.09
PostgreSQL								0.27	0.28
Redis									0.18



Databases frequency



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Platforms

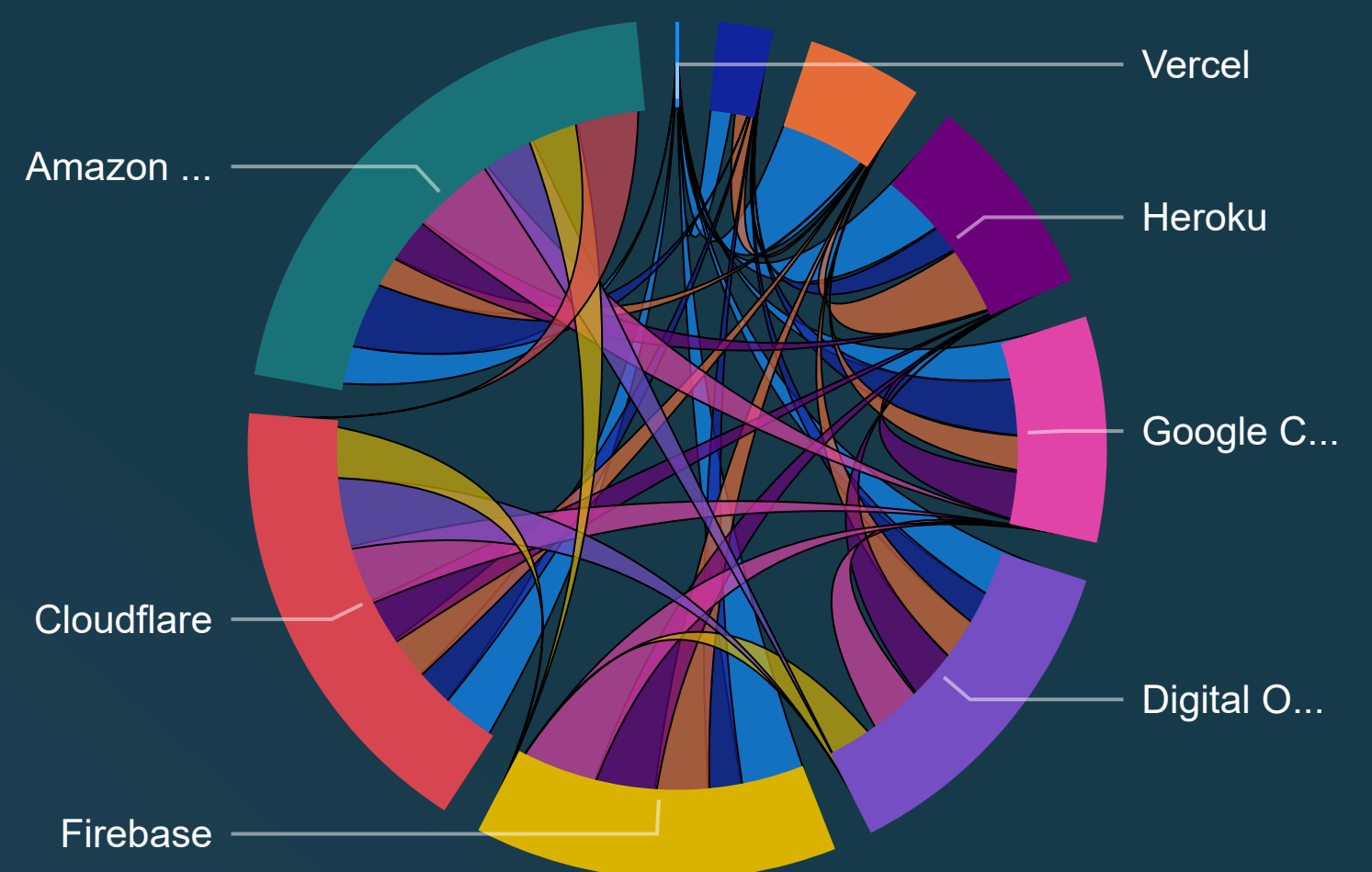
Professional

Learning to code

Others

Jaccard Index Matrix of Platforms

Platform	Cloudflare	Digital Ocean	Firebase	Google Cloud	Heroku	Microsoft Azure	Netlify	Vercel
Amazon Web Services (AWS)	0.17	0.15	0.14	0.23	0.12	0.18	0.08	0.10
Cloudflare		0.19	0.14	0.16	0.13	0.10	0.12	0.14
Digital Ocean			0.12	0.14	0.13	0.09	0.11	0.12
Firebase				0.20	0.17	0.09	0.14	0.17
Google Cloud					0.13	0.15	0.09	0.11
Heroku						0.08	0.18	0.17
Microsoft Azure							0.05	0.06
Netlify								0.24



Platforms frequency

