



Did you know that the average return from investing in stocks is [10% per year](#) (not accounting for inflation)? But who wants to be average?!

You have been asked to support an investment firm by analyzing trends in high-growth companies. They are interested in understanding which industries are producing the highest valuations and the rate at which new high-value companies are emerging. Providing them with this information gives them a competitive insight as to industry trends and how they should structure their portfolio looking forward.

You have been given access to their `unicorns` database, which contains the following tables:

dates

Column	Description
<code>company_id</code>	A unique ID for the company.
<code>date_joined</code>	The date that the company became a unicorn.
<code>year_founded</code>	The year that the company was founded.

funding

Column	Description
<code>company_id</code>	A unique ID for the company.
<code>valuation</code>	Company value in US dollars.
<code>funding</code>	The amount of funding raised in US dollars.
<code>select_investors</code>	A list of key investors in the company.

industries

Column	Description
<code>company_id</code>	A unique ID for the company.
<code>industry</code>	The industry that the company operates in.

companies

Column	Description
<code>company_id</code>	A unique ID for the company.
<code>company</code>	The name of the company.
<code>city</code>	The city where the company is headquartered.
<code>country</code>	The country where the company is headquartered.
<code>continent</code>	The continent where the company is headquartered.

index	...	↑↓	table_name	...	↑↓	column_name	...	↑↓	data_type	...
			0	companies		company_id			integer	
			1	companies		company			character varying	
			2	companies		city			character varying	
			3	companies		country			character varying	
			4	companies		continent			character varying	
			5	dates		company_id			integer	
			6	dates		date_joined			date	
			7	dates		year_founded			integer	
			8	funding		company_id			integer	
			9	funding		valuation			bigint	
			10	funding		funding			bigint	
			11	funding		select_investors			character varying	
			12	industries		company_id			integer	
			13	industries		industry			character varying	
Rows: 14										↗ Expand

...	↑↓	c...	...	↑↓	date_joined	...	↑↓	year...	...	↑↓
					0			189		2017-06-24T00:00:00.000
					1			848		2021-06-01T00:00:00.000
					2			556		2022-02-15T00:00:00.000
					3			999		2021-11-17T00:00:00.000
					4			396		2021-10-21T00:00:00.000
Rows: 5										↗ Expand

...	↑↓	c...	...	↑↓	v...	...	↑↓	f...	...	↑↓	select_investors	...	↑↓
					0			189			4000000000		0
					1			848			1000000000		EQT Partners
					2			556			1000000000		Dragonfly Captial, Qiming Venture Partners, ...
					3			999			1000000000		Blackstone, Bessemer Venture Partners
					4			396			1000000000		Goldman Sachs Asset Management, 3L
											1000000000		Insight Partners, Softbank Group, Connect Ve...
Rows: 5													↗ Expand

...	↑↓	c...	...	↑↓	industry	...	↑↓
					0		
					1		
					2		
					3		
					4		
Rows: 5							

...	↑↓	c...	...	↑↓	company	...	↑↓	city	...	↑↓	country	...	↑↓	contin...	...	↑↓
					0			189			Otto Bock HealthCare			Duderstadt		
					1			848			Matrixport			Singapore		
					2			556			Cloudinary			Santa Clara		
					3			999			PLACE			Bellingham		
					4			396			candy.com			New York		
Rows: 5																↗ Expand

The output

Your query should return a table in the following format:

industry	year	num_unicorns	average_valuation_billions
industry1	2021	---	---
industry2	2020	---	---
industry3	2019	---	---
industry1	2021	---	---
industry2	2020	---	---
industry3	2019	---	---
industry1	2021	---	---
industry2	2020	---	---
industry3	2019	---	---

Where `industry1`, `industry2`, and `industry3` are the three top-performing industries.

...	↑↓	industry	...	↑↓	number_of_com...	...	↑↓
0		Fintech			173		
1		Internet software & services			152		
2		E-commerce & direct-to-consumer			75		

Rows: 3

Expand

...	↑↓	industry	...	↑↓	...	↑↓	num...	...	↑↓	avg_v...	...	↑↓
0		Artificial intelligence			2019		14			4500000000		
1		Auto & transportation			2019		6			4166666666.67		
2		Consumer & retail			2019		3			3666666666.67		
3		Cybersecurity			2019		4			2250000000		
4		Data management & analytics			2019		4			11500000000		
5		E-commerce & direct-to-consumer			2019		12			2583333333.33		
6		Edtech			2019		1			1000000000		
7		Fintech			2019		20			6800000000		
8		Health			2019		3			3333333333.33		
9		Internet software & services			2019		13			4230769230.77		
10		Mobile & telecommunications			2019		4			2000000000		
11		Other			2019		9			2888888888.89		
12		Supply chain, logistics, & delivery			2019		8			3000000000		
13		Travel			2019		3			4000000000		
14		Artificial intelligence			2020		3			4000000000		
15		Auto & transportation			2020		5			3000000000		

Rows: 43

Expand

...	↑↓	industry	...	↑↓	...	↑↓	num...	...	↑↓	average_valuation_billions	...	↑↓	
	0	Fintech				2021			138			2.75	
	1	Internet software & services				2021			119			2.15	
	2	E-commerce & direct-to-consumer				2021			47			2.47	
	3	Internet software & services				2020			20			4.35	
	4	E-commerce & direct-to-consumer				2020			16			4	
	5	Fintech				2020			15			4.33	
	6	Fintech				2019			20			6.8	
	7	Internet software & services				2019			13			4.23	
	8	E-commerce & direct-to-consumer				2019			12			2.58	
Rows: 9													🔗 Expand