

# Q1 In what year did you complete your undergraduate degree?

Answered: 104    Skipped: 0

#	RESPONSES	DATE
1	2021	3/16/2025 5:00 PM
2	2011	3/16/2025 6:42 AM
3	2020	3/16/2025 12:34 AM
4	Industrial engineering	3/11/2025 9:13 AM
5	2012	2/27/2025 9:34 PM
6	1994	2/25/2025 1:18 AM
7	1991	2/20/2025 10:51 PM
8	2011	2/11/2025 6:45 AM
9	2016	2/5/2025 6:52 PM
10	2013	2/4/2025 9:36 PM
11	2004	2/4/2025 10:28 AM
12	2012	1/31/2025 9:32 PM
13	2016	1/31/2025 7:12 PM
14	2011	1/31/2025 6:43 PM
15	2022	1/30/2025 9:14 PM
16	2024	1/30/2025 7:34 PM
17	2013	1/30/2025 5:03 AM
18	2018	1/29/2025 5:13 PM
19	2012	1/29/2025 6:04 AM
20	2012	1/29/2025 2:56 AM
21	2009	1/28/2025 8:03 PM
22	2008	1/28/2025 4:47 PM
23	2011	1/28/2025 1:43 AM
24	2022	1/27/2025 11:03 PM
25	2021	1/27/2025 10:50 PM
26	2017	1/27/2025 10:33 PM
27	2021	1/27/2025 10:19 PM
28	2024	1/27/2025 10:19 PM
29	2014	1/27/2025 8:48 PM
30	2012	1/27/2025 5:53 PM
31	2017	1/27/2025 4:31 PM
32	2014	1/27/2025 3:53 PM
33	2006	1/27/2025 7:53 AM

## Impact of Programming and Database Proficiency on Professional Success

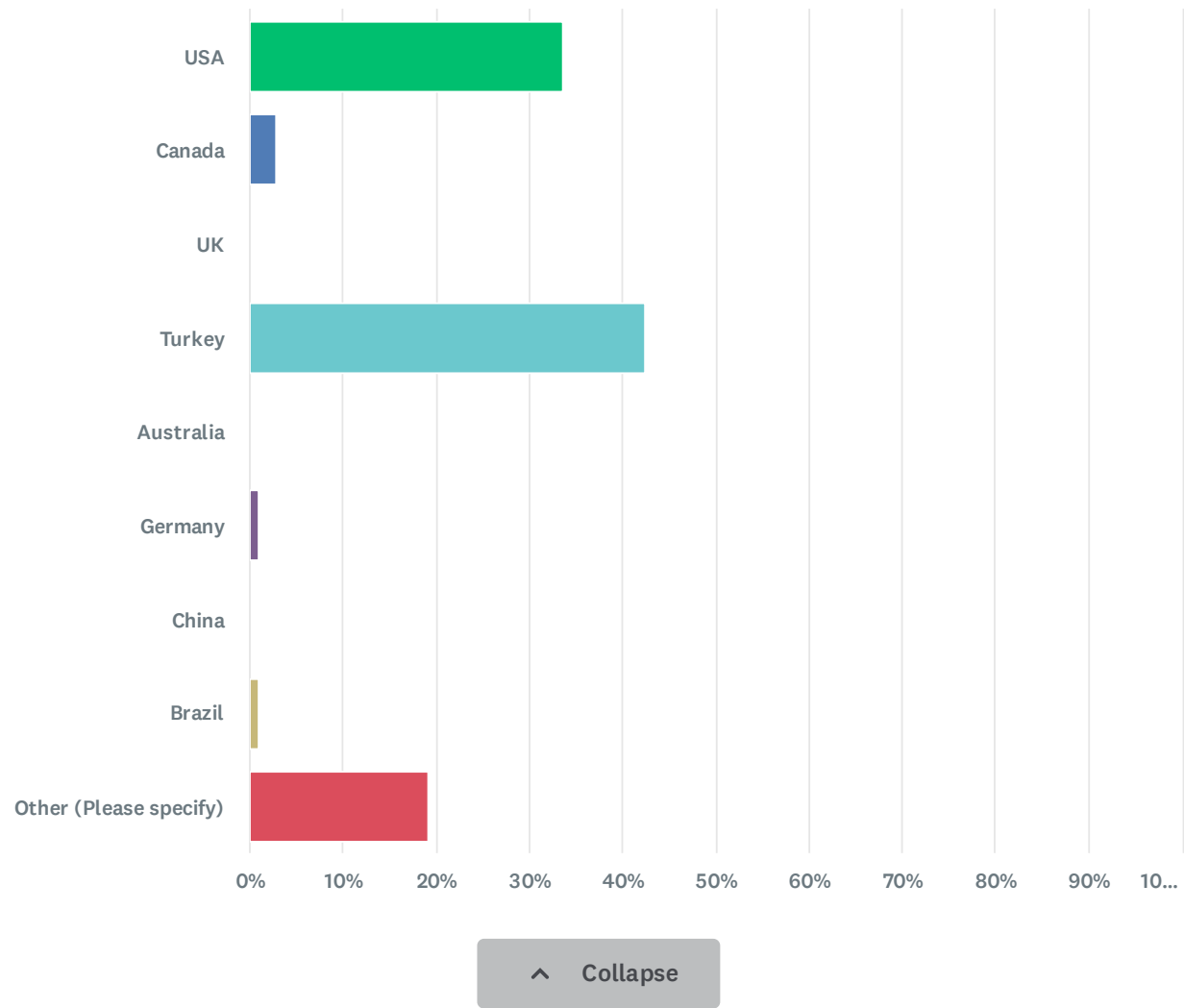
34	28	1/27/2025 7:49 AM
35	2014	1/27/2025 2:17 AM
36	2014	1/27/2025 1:08 AM
37	2008	1/26/2025 5:34 PM
38	2012	1/26/2025 3:26 AM
39	2012	1/26/2025 1:22 AM
40	2013	1/25/2025 11:01 PM
41	2012	1/25/2025 7:38 PM
42	2017	1/25/2025 10:51 AM
43	2003	1/25/2025 9:03 AM
44	2013	1/25/2025 8:39 AM
45	2013	1/25/2025 7:19 AM
46	2017	1/25/2025 7:09 AM
47	2018	1/25/2025 6:30 AM
48	2015-2020	1/25/2025 5:12 AM
49	2020	1/25/2025 5:03 AM
50	2014	1/25/2025 3:37 AM
51	2006	1/25/2025 3:25 AM
52	2013	1/25/2025 3:23 AM
53	2009	1/25/2025 1:10 AM
54	2014	1/24/2025 10:04 PM
55	2012	1/24/2025 9:29 PM
56	2017	1/24/2025 9:22 PM
57	2014	1/24/2025 8:41 PM
58	2021	1/24/2025 8:33 PM
59	2014	1/24/2025 8:22 PM
60	2014	1/24/2025 8:10 PM
61	Industrial Engineering	1/24/2025 7:48 PM
62	2010	1/24/2025 7:25 PM
63	2013	1/24/2025 6:18 PM
64	1994	1/24/2025 6:10 PM
65	2014	1/24/2025 6:10 PM
66	2008	1/24/2025 5:58 PM
67	2006	1/24/2025 5:22 PM
68	2013	1/24/2025 5:05 PM
69	Industrial Engineering	1/24/2025 4:32 PM
70	2016	1/24/2025 3:26 PM
71	2016	1/9/2025 8:41 AM

## Impact of Programming and Database Proficiency on Professional Success

72	2003	1/7/2025 9:50 AM
73	2021	1/5/2025 11:53 PM
74	2021	1/5/2025 11:12 PM
75	1998	12/20/2024 5:47 PM
76	1993	12/19/2024 5:50 PM
77	2017	12/19/2024 10:41 AM
78	2019	12/18/2024 7:38 PM
79	2012	12/18/2024 6:36 PM
80	2021	12/18/2024 1:31 PM
81	2018	12/18/2024 1:27 PM
82	2009	12/18/2024 1:04 PM
83	2018	12/18/2024 1:01 PM
84	2018	12/18/2024 12:58 PM
85	2000	12/18/2024 11:56 AM
86	2015	12/18/2024 10:42 AM
87	2017	12/17/2024 11:02 PM
88	2017	12/17/2024 11:53 AM
89	2016	12/16/2024 4:51 PM
90	2017	12/16/2024 4:21 PM
91	2012	12/16/2024 12:48 PM
92	2021	12/16/2024 12:43 AM
93	2018	12/15/2024 10:37 PM
94	2020	12/15/2024 9:28 PM
95	2017	12/15/2024 9:24 PM
96	2013	12/15/2024 8:42 PM
97	2021	12/15/2024 8:40 PM
98	2017	12/15/2024 8:33 PM
99	2018	12/15/2024 8:29 PM
100	2017	12/15/2024 8:29 PM
101	2018	12/15/2024 8:24 PM
102	2013	12/15/2024 8:08 PM
103	2021	12/15/2024 7:59 PM
104	2021	12/15/2024 7:59 PM






Q2 Where did you complete your undergraduate degree?

Answered: 104 Skipped: 0



Answer Choices ↓	Percentage ↓	Responses ↓	
<div><div></div> USA</div>	33.65%	35	...
<div><div></div> Canada</div>	2.88%	3	...
<div><div></div> UK</div>	0%	0	...
<div><div></div> Turkey</div>	42.31%	44	...
Total		104	

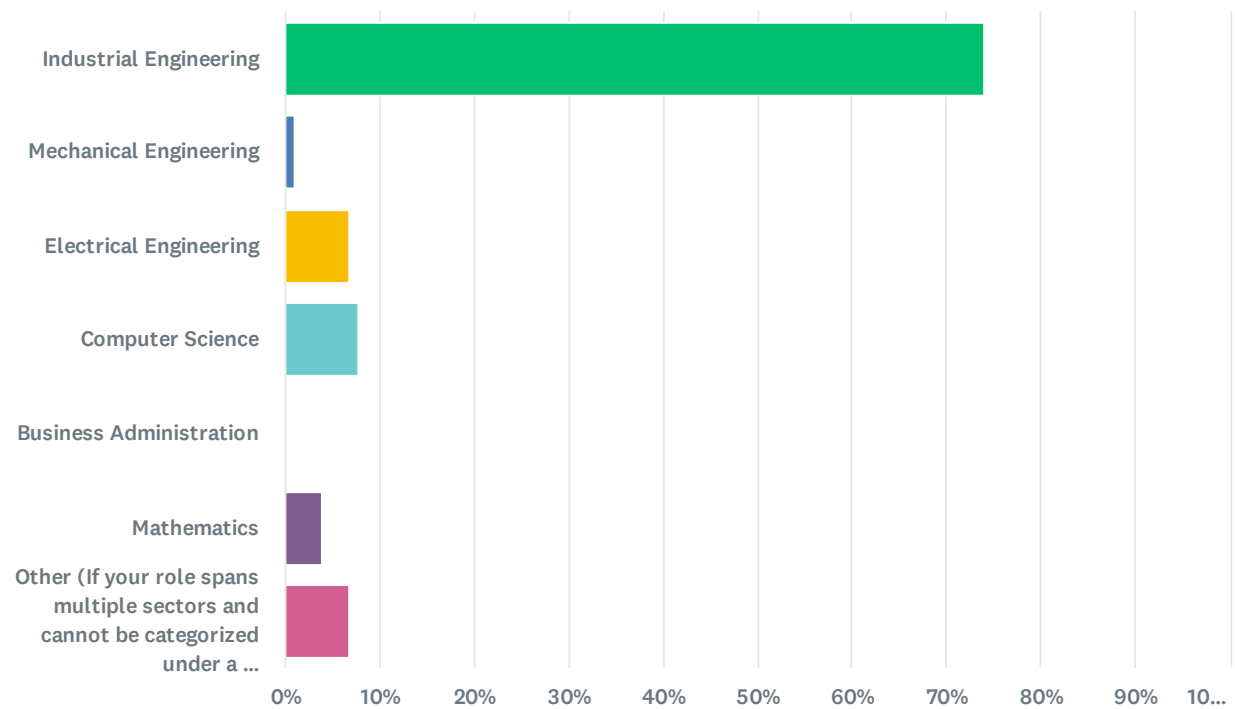
## Impact of Programming and Database Proficiency on Professional Success

Answer Choices ↓	Percentage ↓	Responses ↓	
 Australia	0%	0	...
 Germany	0.96%	1	...
 China	0%	0	...
 Brazil	0.96%	1	...
 Other (Please specify) <a href="#">Show responses</a>	19.23%	20	...
<b>Total</b>		<b>104</b>	

#	OTHER (PLEASE SPECIFY)	DATE
1	Italy	2/20/2025 10:51 PM
2	iran	2/5/2025 6:52 PM
3	Bangladesh	1/29/2025 5:13 PM
4	India	1/28/2025 8:03 PM
5	India	1/27/2025 10:50 PM
6	India	1/27/2025 10:19 PM
7	Iran	1/27/2025 7:53 AM
8	India	1/26/2025 5:34 PM
9	Ghana	1/25/2025 7:09 AM
10	Turkey	1/25/2025 6:30 AM
11	Iran	1/25/2025 3:25 AM
12	Venezuela	1/25/2025 1:10 AM
13	Singapore	1/24/2025 8:41 PM
14	Iran	1/24/2025 8:22 PM
15	Iran	1/24/2025 7:48 PM
16	Iran	1/24/2025 6:10 PM
17	Iran	1/24/2025 5:58 PM
18	India	1/24/2025 5:22 PM
19	India	1/24/2025 4:32 PM
20	India	12/19/2024 5:50 PM

Q3 Which of the following best describes your undergraduate degree?

Answered: 104 Skipped: 0



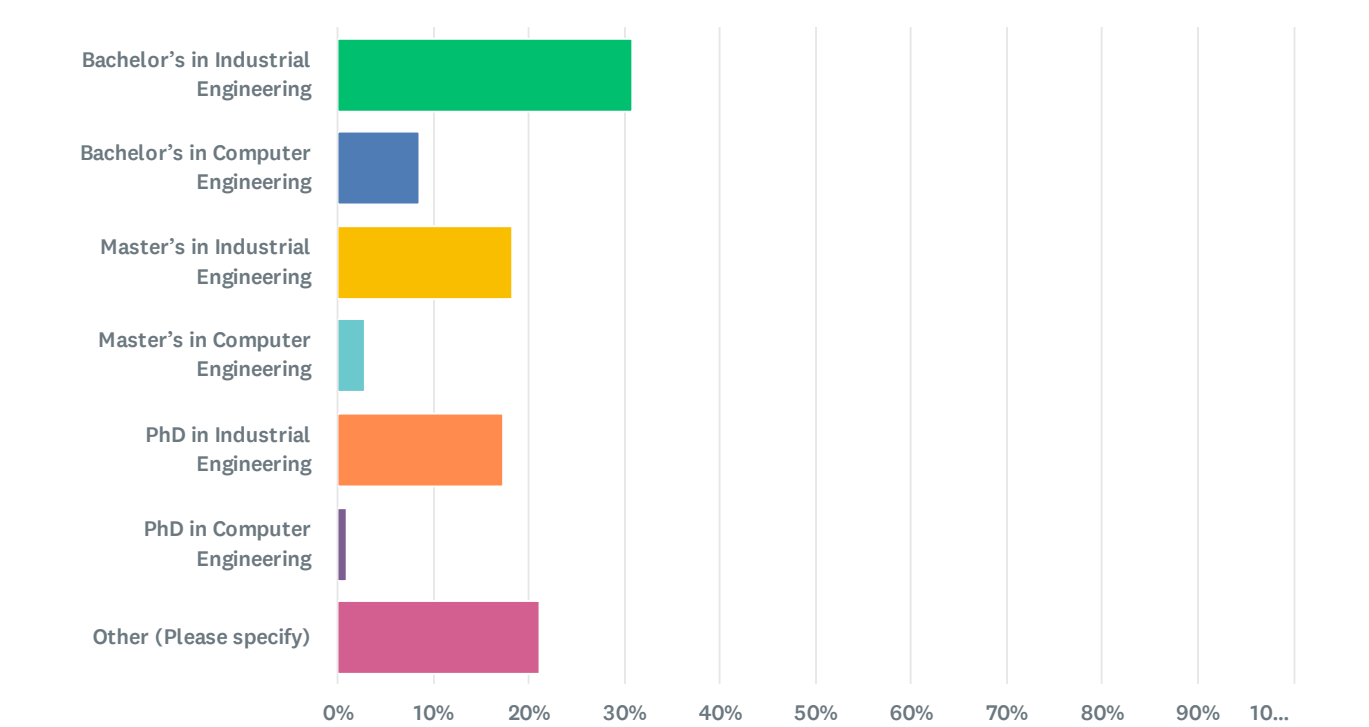
Answer Choices		Percentage	Responses	
Industrial Engineering		74.04%	77	...
Mechanical Engineering		0.96%	1	...
Electrical Engineering		6.73%	7	...
Computer Science		7.69%	8	...
Business Administration		0%	0	...
Mathematics		3.85%	4	...
Other (If your role spans multiple sectors and cannot be categorized under a single option.)	Show responses	6.73%	7	...
Total			104	

## Impact of Programming and Database Proficiency on Professional Success

#	OTHER (IF YOUR ROLE SPANS MULTIPLE SECTORS AND CANNOT BE CATEGORIZED UNDER A SINGLE OPTION.)	DATE
1	Systems design engineering	1/31/2025 7:12 PM
2	Agricultural Economics and Rural Entrepreneurship	1/27/2025 11:03 PM
3	Electronics and Instrumentation	1/26/2025 5:34 PM
4	Physics	1/24/2025 8:41 PM
5	Pharmacy	1/24/2025 8:33 PM
6	Mathematical Engineering	12/18/2024 1:04 PM
7	Mathematical engineering	12/15/2024 8:08 PM

Q4 What is your highest degree and major?

Answered: 104 Skipped: 0



Answer Choices ↓	Percentage ↓	Responses ↓	
<div><div></div>Bachelor's in Industrial Engineering</div>	30.77%	32	...
<div><div></div>Bachelor's in Computer Engineering</div>	8.65%	9	...
<div><div></div>Master's in Industrial Engineering</div>	18.27%	19	...
<div><div></div>Master's in Computer Engineering</div>	2.88%	3	...
<div><div></div>PhD in Industrial Engineering</div>	17.31%	18	...
<div><div></div>PhD in Computer Engineering</div>	0.96%	1	...
<div><div></div>Other (Please specify) <a href="#">Show responses</a></div>	21.15%	22	...
Total		104	

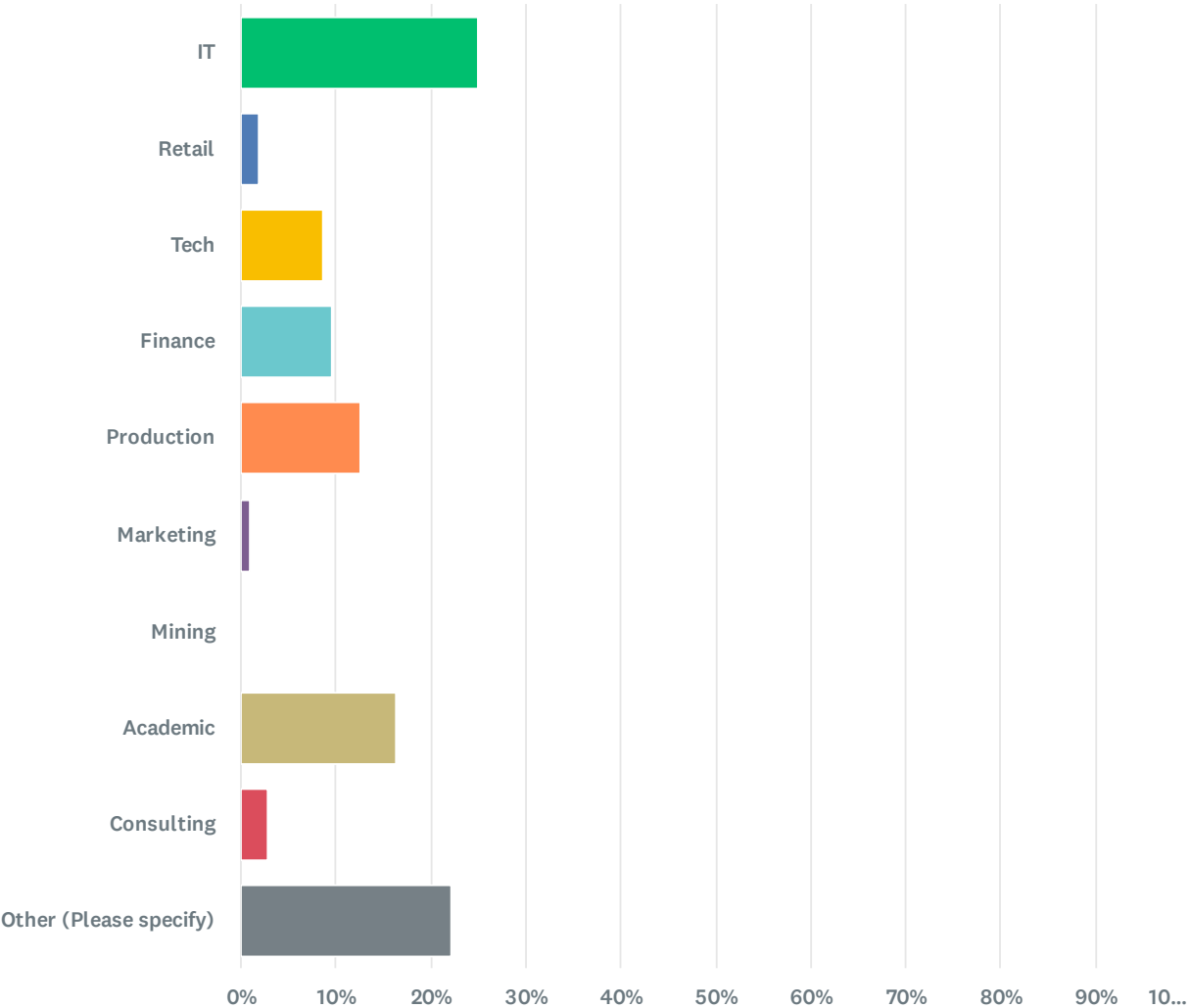


## Impact of Programming and Database Proficiency on Professional Success

#	OTHER (PLEASE SPECIFY)	DATE
1	PhD in Mathematics	2/25/2025 1:18 AM
2	Phd in Mathematics	2/20/2025 10:51 PM
3	Masters in Petroleum Engineering	2/11/2025 6:45 AM
4	PhD in Operations and Business Analytics	2/5/2025 6:52 PM
5	MBA international business	1/30/2025 5:03 AM
6	Bachelor's in Agricultural Economics	1/27/2025 11:03 PM
7	Bachelor's in electrical and electronics engineering	1/27/2025 10:19 PM
8	Masters in Supply Chain	1/26/2025 3:26 AM
9	MBA	1/26/2025 1:22 AM
10	Mechanical engineering Masters	1/25/2025 11:01 PM
11	MBA	1/25/2025 7:38 PM
12	Master's in Mechanical Engineering	1/25/2025 8:39 AM
13	MS. Information Technology	1/25/2025 7:09 AM
14	PhD in Operations	1/25/2025 5:03 AM
15	Phd Business	1/25/2025 3:25 AM
16	PharmD	1/24/2025 8:33 PM
17	Masters in Business Administration concentration in strategic management	1/24/2025 6:10 PM
18	Master's in Data Science	12/18/2024 7:38 PM
19	Bachelor's in Mathematical Engineering	12/18/2024 1:04 PM
20	Bachelor in electrical engineering	12/18/2024 12:58 PM
21	Master in Math Engineering and Master in AI	12/17/2024 11:53 AM
22	Bachelor in engineering	12/15/2024 8:08 PM

Q5 In which sector are you currently working?








Answered: 104 Skipped: 0



^ Collapse

Answer Choices ↓	Percentage ↓	Responses ↓	
<div><div></div>IT</div>	25.00%	26	⋮
<div><div></div>Retail</div>	1.92%	2	⋮
<div><div></div>Tech</div>	8.65%	9	⋮
Total		104	

## Impact of Programming and Database Proficiency on Professional Success

Answer Choices ↓	Percentage ↓	Responses ↓	
 Finance	9.62%	10	...
 Production	12.50%	13	...
 Marketing	0.96%	1	...
 Mining	0%	0	...
 Academic	16.35%	17	...
 Consulting	2.88%	3	...
 Other (Please specify) <a href="#">Show responses</a>	22.12%	23	...
<b>Total</b>		<b>104</b>	

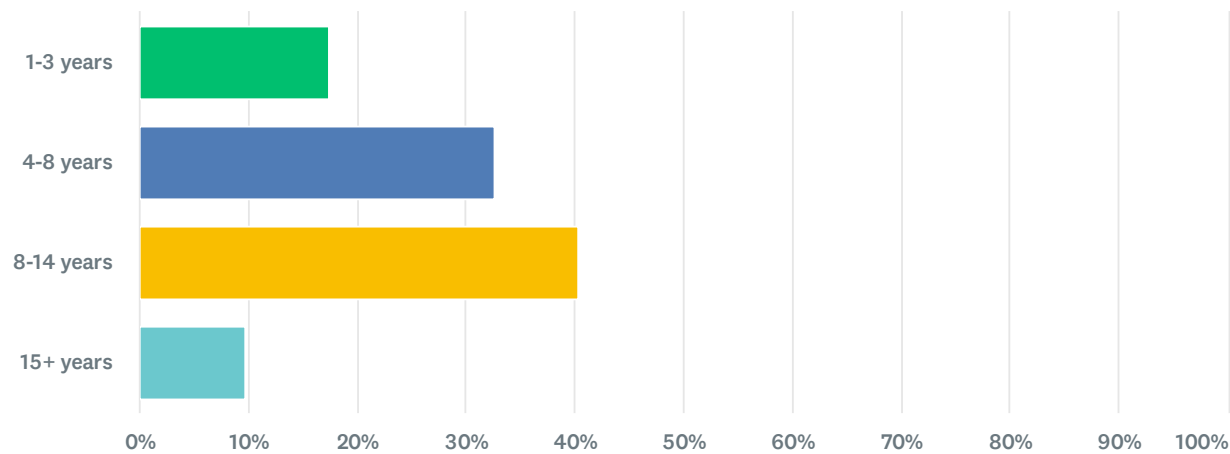
#	OTHER (PLEASE SPECIFY)	DATE
1	Energy	2/27/2025 9:34 PM
2	Logistics	2/4/2025 10:28 AM
3	Oil and Gas	1/31/2025 9:32 PM
4	Healthcare Technologies	1/31/2025 6:43 PM
5	Healthcare	1/30/2025 9:14 PM
6	Education	1/29/2025 5:13 PM
7	Real Estate	1/28/2025 8:03 PM
8	Real estate	1/28/2025 4:47 PM
9	Supply Chain	1/28/2025 1:43 AM
10	Oil and gas	1/27/2025 5:53 PM
11	Oil and gas (Natural gas)	1/27/2025 2:17 AM
12	Pricing	1/26/2025 3:26 AM
13	Automotive	1/25/2025 9:03 AM
14	Information Management	1/25/2025 8:39 AM
15	EduTech	1/25/2025 7:09 AM
16	Pharmaceutical	1/24/2025 8:33 PM
17	Renewable Energy Development	1/24/2025 8:10 PM
18	Oil and Gas	1/24/2025 7:25 PM
19	Distribution and Supply Chain	1/24/2025 6:18 PM
20	Healthcare	1/24/2025 6:10 PM

## Impact of Programming and Database Proficiency on Professional Success

21	Chemical	1/24/2025 5:22 PM
22	Oil & gas	1/24/2025 3:26 PM
23	Insurance	1/5/2025 11:53 PM

Q6 How many years of professional experience do you have?

Answered: 104 Skipped: 0



Answer Choices ↓	Percentage ↓	Responses ↓	
<div><div></div>1-3 years</div>	17.31%	18	...
<div><div></div>4-8 years</div>	32.69%	34	...
<div><div></div>8-14 years</div>	40.38%	42	...
<div><div></div>15+ years</div>	9.62%	10	...
Total		104	

## Q7 What is your current job position or title?

Answered: 103    Skipped: 1

#	RESPONSES	DATE
1	Senior Data and Analytics Consultant	3/16/2025 5:00 PM
2	Value Stream Manager	3/16/2025 6:42 AM
3	Data Analyst	3/16/2025 12:34 AM
4	Manager	3/11/2025 9:13 AM
5	Project manger	2/27/2025 9:34 PM
6	Professor	2/25/2025 1:18 AM
7	Professor	2/20/2025 10:51 PM
8	Senior Program Manager	2/11/2025 6:45 AM
9	Associate Prof	2/5/2025 6:52 PM
10	Plant Quality Manager	2/4/2025 9:36 PM
11	Chief Optimization Scientist	2/4/2025 10:28 AM
12	Data Analyst	1/31/2025 9:32 PM
13	Staff software engineer	1/31/2025 7:12 PM
14	Senior Business Process Engineer	1/31/2025 6:43 PM
15	Research Data Analyst	1/30/2025 9:14 PM
16	Graduate Student	1/30/2025 7:34 PM
17	Contracts Manager	1/30/2025 5:03 AM
18	Graduate Research Assistant	1/29/2025 5:13 PM
19	Senior Manufacturing Engineer	1/29/2025 6:04 AM
20	Senior Customer Manager	1/29/2025 2:56 AM
21	Sr. Director. Digital Analytics and Systems	1/28/2025 8:03 PM
22	Property manager/ real estate agent	1/28/2025 4:47 PM
23	Continuous Improvement Engineer	1/28/2025 1:43 AM
24	Business Coordinator	1/27/2025 11:03 PM
25	Research assistant	1/27/2025 10:50 PM
26	Teaching Assistant	1/27/2025 10:33 PM
27	Financial analyst	1/27/2025 10:19 PM
28	Lecturer	1/27/2025 8:48 PM
29	Project engineer	1/27/2025 5:53 PM
30	Graduate Assistant	1/27/2025 4:31 PM
31	Applied Scientist	1/27/2025 3:53 PM
32	Software Engineer	1/27/2025 7:53 AM
33	Head of Product & Client Delivery	1/27/2025 7:49 AM

## Impact of Programming and Database Proficiency on Professional Success

34	Reliability Engineering Manager	1/27/2025 2:17 AM
35	Operations Manager	1/27/2025 1:08 AM
36	Lead a team of Software Engineers	1/26/2025 5:34 PM
37	Fuel Pricing Lead Analyst	1/26/2025 3:26 AM
38	Natural Gas Analyst	1/26/2025 1:22 AM
39	Senior Consultant	1/25/2025 11:01 PM
40	Manager - Finance	1/25/2025 7:38 PM
41	Associate Partner	1/25/2025 10:51 AM
42	Head of Supply Chain Process Engineering Department	1/25/2025 9:03 AM
43	Global Industrial Engineer	1/25/2025 8:39 AM
44	Planning Manager	1/25/2025 7:19 AM
45	Coding Instructor	1/25/2025 7:09 AM
46	Lead Consultant	1/25/2025 6:30 AM
47	Teaching Assistant	1/25/2025 5:12 AM
48	PhD Student, Research Assistant	1/25/2025 5:03 AM
49	Ops Manager	1/25/2025 3:37 AM
50	Associate Professor	1/25/2025 3:25 AM
51	Supervisor	1/25/2025 3:23 AM
52	Portfolio and innovation planning lead	1/25/2025 1:10 AM
53	Engineering Program Manager	1/24/2025 10:04 PM
54	asst. prof	1/24/2025 9:29 PM
55	Quant	1/24/2025 9:22 PM
56	Senior data scientist	1/24/2025 8:41 PM
57	Business development manager	1/24/2025 8:33 PM
58	Director of R&D department	1/24/2025 8:22 PM
59	Project Development Manager	1/24/2025 8:10 PM
60	Senior Data Scientist	1/24/2025 7:48 PM
61	Project Manager	1/24/2025 7:25 PM
62	Senior Manager, Customer Supply Chain solutions	1/24/2025 6:18 PM
63	Sr Healthcare systems engineer	1/24/2025 6:10 PM
64	Distribution Manager	1/24/2025 6:10 PM
65	Principal data scientist	1/24/2025 5:58 PM
66	Business Development	1/24/2025 5:22 PM
67	Operations Integrity Manager	1/24/2025 5:05 PM
68	Manufacturing Director	1/24/2025 4:32 PM
69	Manufacturing engineer	1/24/2025 3:26 PM
70	Project Manager	1/9/2025 8:41 AM
71	Principal scientist	1/7/2025 9:50 AM

## Impact of Programming and Database Proficiency on Professional Success

72	Digital Product Manager	1/5/2025 11:53 PM
73	Senior product manager	1/5/2025 11:12 PM
74	Associate Professor	12/20/2024 5:47 PM
75	President	12/19/2024 5:50 PM
76	Data Consultant	12/19/2024 10:41 AM
77	Data Science Lead	12/18/2024 7:38 PM
78	R&D Engineer	12/18/2024 6:36 PM
79	Data Modelling Lead	12/18/2024 1:31 PM
80	Account Manager	12/18/2024 1:27 PM
81	Advanced Analytics Manager	12/18/2024 1:04 PM
82	Data Modelling Lead	12/18/2024 1:01 PM
83	Data governance lead	12/18/2024 12:58 PM
84	Professor of Operations and Industrial Engineering	12/18/2024 11:56 AM
85	Assistant Professor	12/18/2024 10:42 AM
86	Phd candidate	12/17/2024 11:02 PM
87	Quantitative Researcher	12/17/2024 11:53 AM
88	Data Scientist	12/16/2024 4:51 PM
89	PhD Candidate	12/16/2024 4:21 PM
90	Software Development Manager	12/16/2024 12:48 PM
91	Senior business analyst	12/16/2024 12:43 AM
92	Software Engineering	12/15/2024 10:37 PM
93	Business Analyst	12/15/2024 9:28 PM
94	Business analyst	12/15/2024 9:24 PM
95	Manager	12/15/2024 8:42 PM
96	software engineer	12/15/2024 8:40 PM
97	BA	12/15/2024 8:33 PM
98	Software Engineering	12/15/2024 8:29 PM
99	senior	12/15/2024 8:29 PM
100	Graduate assistant	12/15/2024 8:24 PM
101	Consultant business analyst	12/15/2024 8:08 PM
102	Software Engineer	12/15/2024 7:59 PM
103	Business analyst	12/15/2024 7:59 PM



## Q8 In which country are you currently employed?

Answered: 103 Skipped: 1

#	RESPONSES	DATE
1	Turkey	3/16/2025 5:00 PM
2	USA	3/16/2025 6:42 AM
3	Turkey	3/16/2025 12:34 AM
4	Usa	3/11/2025 9:13 AM
5	United Arab Emirates	2/27/2025 9:34 PM
6	Germany	2/25/2025 1:18 AM
7	Italy	2/20/2025 10:51 PM
8	USA	2/11/2025 6:45 AM
9	United States	2/5/2025 6:52 PM
10	Mexico	2/4/2025 9:36 PM
11	US	2/4/2025 10:28 AM
12	United States	1/31/2025 9:32 PM
13	Canada	1/31/2025 7:12 PM
14	United States	1/31/2025 6:43 PM
15	Canada	1/30/2025 9:14 PM
16	Canada	1/30/2025 7:34 PM
17	USA	1/30/2025 5:03 AM
18	USA	1/29/2025 5:13 PM
19	USA	1/29/2025 6:04 AM
20	United States	1/29/2025 2:56 AM
21	United States	1/28/2025 8:03 PM
22	USA	1/28/2025 4:47 PM
23	USA	1/28/2025 1:43 AM
24	USA	1/27/2025 11:03 PM
25	United States	1/27/2025 10:50 PM
26	United States	1/27/2025 10:33 PM
27	Usa	1/27/2025 10:19 PM
28	United States	1/27/2025 8:48 PM
29	Usa	1/27/2025 5:53 PM
30	USA	1/27/2025 4:31 PM
31	Unites States	1/27/2025 3:53 PM
32	United States	1/27/2025 7:53 AM
33	USA	1/27/2025 7:49 AM

## Impact of Programming and Database Proficiency on Professional Success

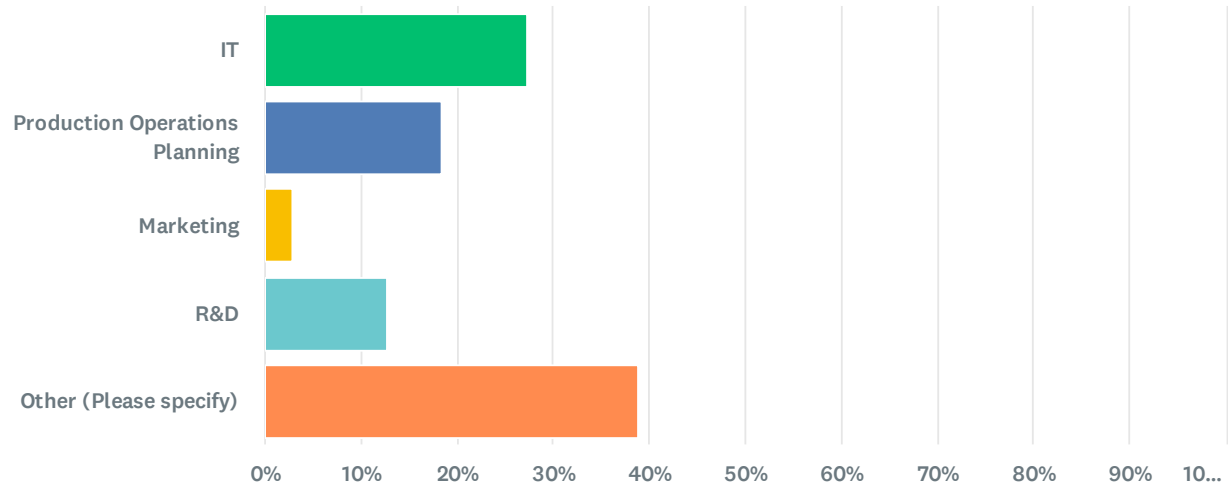
34	USA	1/27/2025 2:17 AM
35	USA	1/27/2025 1:08 AM
36	USA	1/26/2025 5:34 PM
37	United States	1/26/2025 3:26 AM
38	USA	1/26/2025 1:22 AM
39	Canada	1/25/2025 11:01 PM
40	USA	1/25/2025 7:38 PM
41	McKinsey & Company	1/25/2025 10:51 AM
42	Turkey	1/25/2025 9:03 AM
43	United States	1/25/2025 8:39 AM
44	USA	1/25/2025 7:19 AM
45	USA	1/25/2025 7:09 AM
46	Singapore	1/25/2025 6:30 AM
47	Turkey	1/25/2025 5:12 AM
48	USA	1/25/2025 5:03 AM
49	USA	1/25/2025 3:37 AM
50	USA	1/25/2025 3:25 AM
51	Usa	1/25/2025 3:23 AM
52	United States	1/25/2025 1:10 AM
53	United States	1/24/2025 10:04 PM
54	Turkey	1/24/2025 9:29 PM
55	Turkey	1/24/2025 9:22 PM
56	Canada	1/24/2025 8:41 PM
57	Turkey	1/24/2025 8:33 PM
58	Iran	1/24/2025 8:22 PM
59	USA	1/24/2025 8:10 PM
60	Canada	1/24/2025 7:48 PM
61	USA	1/24/2025 7:25 PM
62	USA	1/24/2025 6:18 PM
63	USA	1/24/2025 6:10 PM
64	US	1/24/2025 6:10 PM
65	US	1/24/2025 5:58 PM
66	United States	1/24/2025 5:22 PM
67	United States	1/24/2025 5:05 PM
68	USA	1/24/2025 4:32 PM
69	USA	1/24/2025 3:26 PM
70	Turkey	1/9/2025 8:41 AM
71	Usa	1/7/2025 9:50 AM

## Impact of Programming and Database Proficiency on Professional Success

72	Türkiye	1/5/2025 11:53 PM
73	Turkey	1/5/2025 11:12 PM
74	USA	12/20/2024 5:47 PM
75	USA	12/19/2024 5:50 PM
76	Turkey	12/19/2024 10:41 AM
77	Turkey	12/18/2024 7:38 PM
78	Turkey	12/18/2024 6:36 PM
79	Turkey	12/18/2024 1:31 PM
80	Turkey	12/18/2024 1:27 PM
81	Turkey	12/18/2024 1:04 PM
82	Turkey	12/18/2024 1:01 PM
83	Türkiye	12/18/2024 12:58 PM
84	USA	12/18/2024 11:56 AM
85	Turkey	12/18/2024 10:42 AM
86	UK	12/17/2024 11:02 PM
87	Turkey	12/17/2024 11:53 AM
88	Turkey	12/16/2024 4:51 PM
89	Netherlands	12/16/2024 4:21 PM
90	Turkey	12/16/2024 12:48 PM
91	Turkey	12/16/2024 12:43 AM
92	Turkey	12/15/2024 10:37 PM
93	Turkey	12/15/2024 9:28 PM
94	Turkey	12/15/2024 9:24 PM
95	Turkey	12/15/2024 8:42 PM
96	turkey	12/15/2024 8:40 PM
97	Türkiye	12/15/2024 8:33 PM
98	Turkey	12/15/2024 8:29 PM
99	turkey	12/15/2024 8:29 PM
100	USA	12/15/2024 8:24 PM
101	Turkey	12/15/2024 8:08 PM
102	Turkey	12/15/2024 7:59 PM
103	Turkey	12/15/2024 7:59 PM

Q9 Which department do you work in? Options: IT, Production Operations Planning, Marketing, R&D, Other (Please specify)

Answered: 103   Skipped: 1



Answer Choices ↓	Percentage ↓	Responses ↓	
IT	27.18%	28	...
Production Operations Planning	18.45%	19	...
Marketing	2.91%	3	...
R&D	12.62%	13	...
Other (Please specify) <a href="#">Show responses</a>	38.83%	40	...
Total		103	

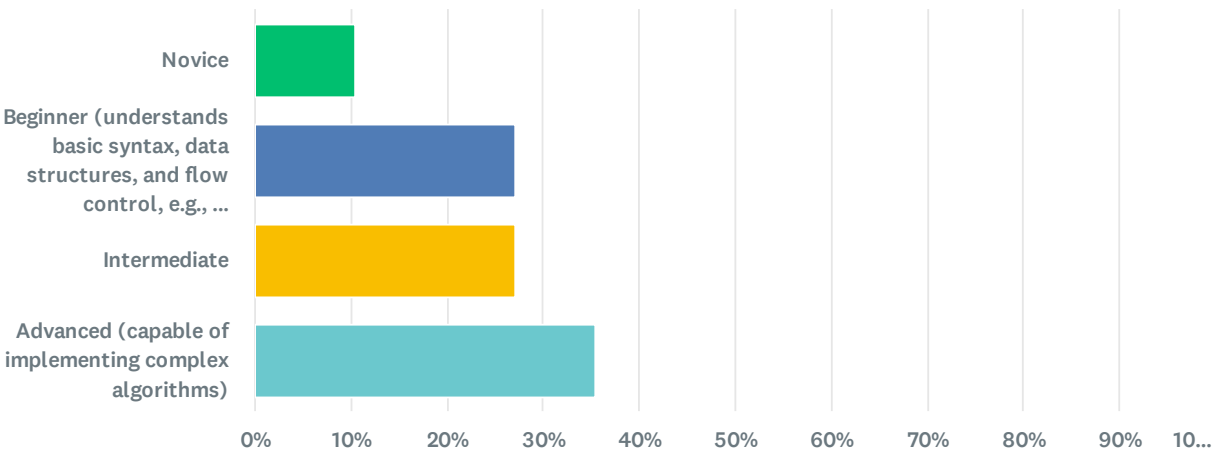
#	OTHER (PLEASE SPECIFY)	DATE
1	Economics	2/20/2025 10:51 PM
2	Computer information systems and business analytics	2/5/2025 6:52 PM
3	Quality	2/4/2025 9:36 PM
4	Supply Chain	1/31/2025 9:32 PM
5	Finance	1/30/2025 5:03 AM
6	Education	1/29/2025 5:13 PM

## Impact of Programming and Database Proficiency on Professional Success

7	Commercial	1/29/2025 2:56 AM
8	Revenue Managment and Data Science	1/28/2025 8:03 PM
9	N/A	1/28/2025 4:47 PM
10	Engineering	1/28/2025 1:43 AM
11	Business Services	1/27/2025 11:03 PM
12	Teaching	1/27/2025 8:48 PM
13	Academia	1/27/2025 4:31 PM
14	Reliability and Maintenance	1/27/2025 2:17 AM
15	Fuel Pricing/Finance	1/26/2025 3:26 AM
16	Trading	1/26/2025 1:22 AM
17	Process Transformation and Automation	1/25/2025 11:01 PM
18	Finance	1/25/2025 7:38 PM
19	Data Science	1/25/2025 10:51 AM
20	Supply Chain	1/25/2025 9:03 AM
21	Teaching	1/25/2025 7:09 AM
22	Academic	1/25/2025 5:12 AM
23	Management	1/25/2025 3:25 AM
24	asst. prof	1/24/2025 9:29 PM
25	Decision support	1/24/2025 8:41 PM
26	Project Development	1/24/2025 8:10 PM
27	Project Management	1/24/2025 7:25 PM
28	Supply Chain , Design and Analytics	1/24/2025 6:18 PM
29	Office of performance improvement	1/24/2025 6:10 PM
30	Business	1/24/2025 5:22 PM
31	Manufacturing	1/24/2025 3:26 PM
32	Data Science	12/18/2024 7:38 PM
33	Finance	12/18/2024 1:31 PM
34	Finance	12/18/2024 1:01 PM
35	Finance	12/18/2024 12:58 PM
36	Operations and Industrial Engineering (Business School)	12/18/2024 11:56 AM
37	University	12/18/2024 10:42 AM
38	operations research	12/17/2024 11:02 PM
39	Academic research	12/16/2024 4:21 PM
40	Management department	12/15/2024 8:24 PM

## Q10 How would you rate your programming knowledge?

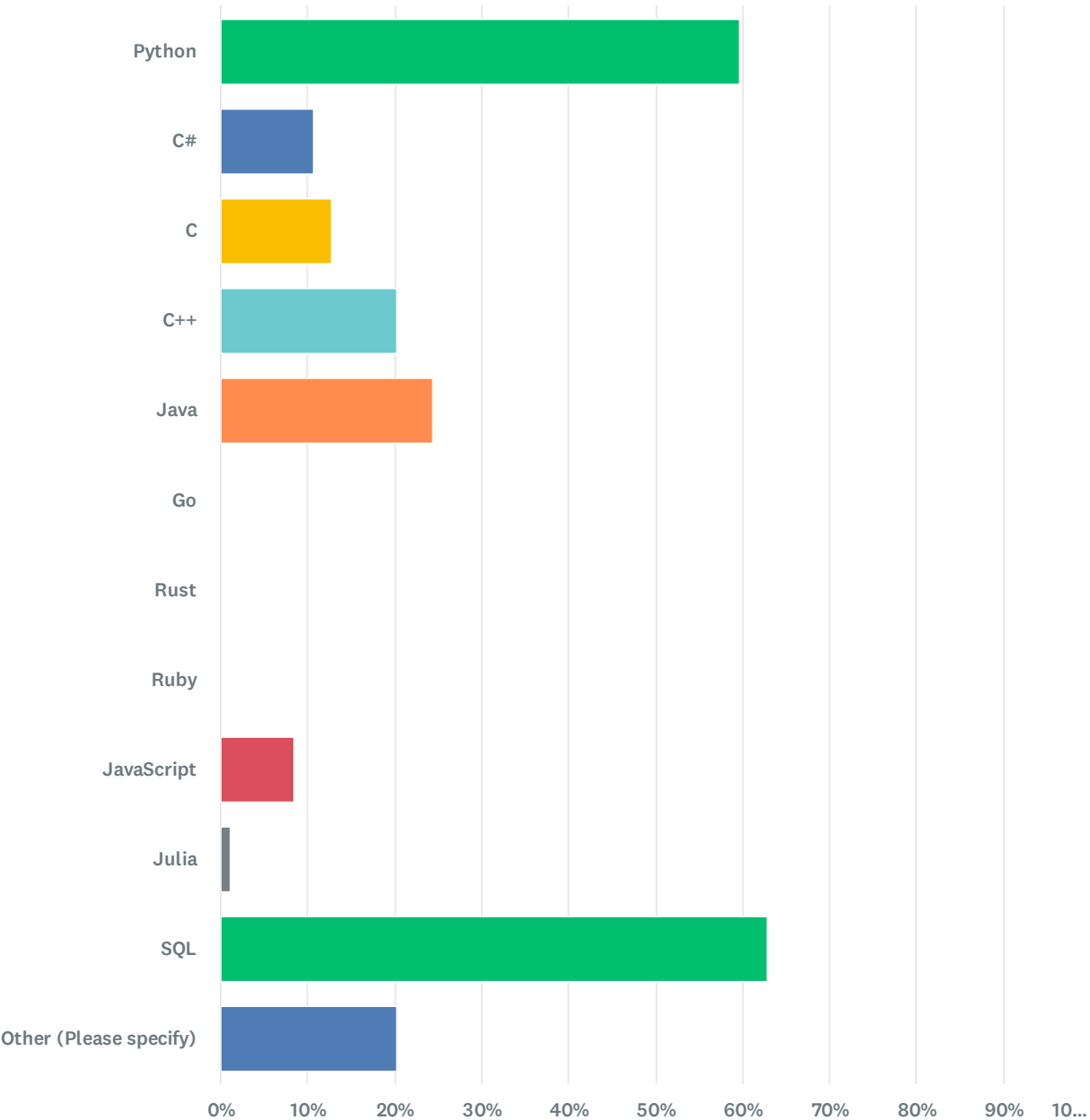
Answered: 96 Skipped: 8



Answer Choices ↓	Percentage ↓	Responses ↓	
<div>●</div> Novice	10.42%	10	...
<div>●</div> Beginner (understands basic syntax, data structures, and flow control, e.g., loops, conditionals)	27.08%	26	...
<div>●</div> Intermediate	27.08%	26	...
<div>●</div> Advanced (capable of implementing complex algorithms)	35.42%	34	...
Total		96	

Q11 Which programming or querying languages are you proficient in?  
Please select all that apply.













Answered: 94    Skipped: 10



^ Collapse

Answer Choices <span>↓</span>	Percentage <span>↓</span>	Responses <span>↓</span>	
Total		94	

Impact of Programming and Database Proficiency on Professional Success

Answer Choices ↓	Percentage ↓	Responses ↓	
 Python	59.57%	56	...
 C#	10.64%	10	...
 C	12.77%	12	...
 C++	20.21%	19	...
 Java	24.47%	23	...
 Go	0%	0	...
 Rust	0%	0	...
 Ruby	0%	0	...
 JavaScript	8.51%	8	...
 Julia	1.06%	1	...
 SQL	62.77%	59	...
 Other (Please specify) <a href="#">Show responses</a>	20.21%	19	...
Total		94	

#	OTHER (PLEASE SPECIFY)	DATE
1	None	3/16/2025 6:43 AM
2	bash	2/25/2025 1:19 AM
3	R	2/20/2025 10:52 PM
4	KQL	2/11/2025 6:47 AM
5	None	2/4/2025 9:38 PM
6	Scala	1/31/2025 7:13 PM
7	None	1/26/2025 3:27 AM
8	R	1/26/2025 1:23 AM
9	R	1/25/2025 5:04 AM
10	Matlab	1/24/2025 10:06 PM
11	Matlab	1/24/2025 8:42 PM
12	I can't say I remember any of the coding I learned in college.	1/24/2025 8:18 PM

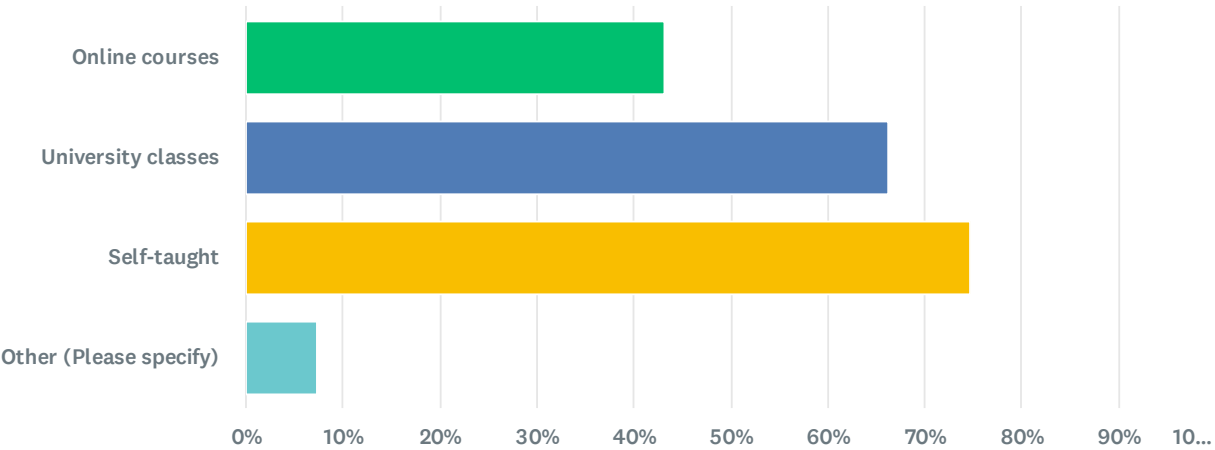


## Impact of Programming and Database Proficiency on Professional Success

13	R Programming	1/24/2025 7:49 PM
14	None	1/24/2025 7:25 PM
15	Used to be C++ but none at the moment.	1/24/2025 4:33 PM
16	None	1/24/2025 3:26 PM
17	MATLAB	12/20/2024 5:49 PM
18	MATLAB	12/18/2024 10:43 AM
19	Matlab	12/15/2024 8:25 PM

Q12 What resources did you use to learn programming? Please select all that apply.

Answered: 95    Skipped: 9

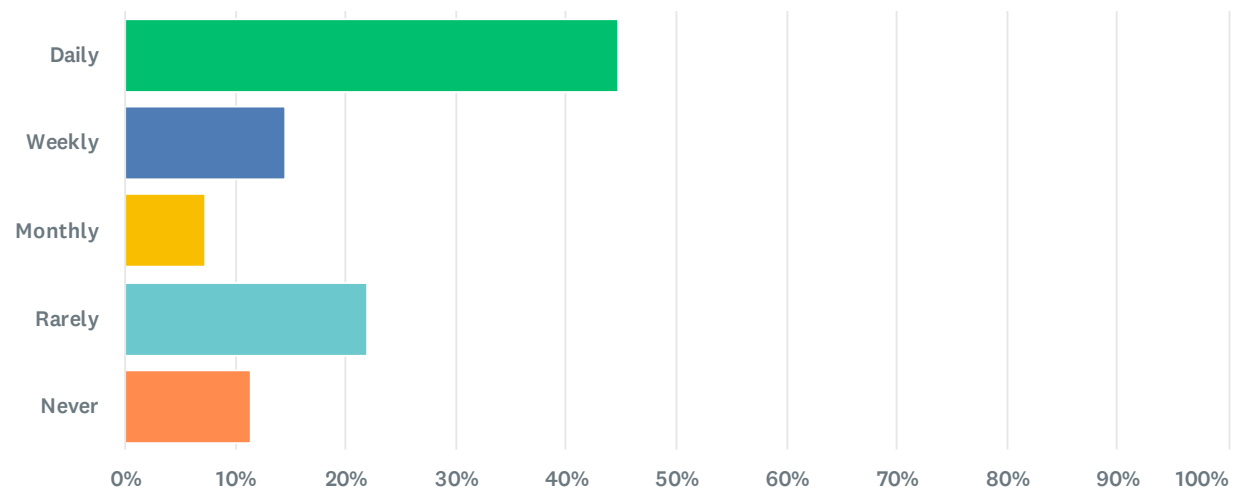


Answer Choices ↓	Percentage ↓	Responses ↓	
<div><div></div>Online courses</div>	43.16%	41	...
<div><div></div>University classes</div>	66.32%	63	...
<div><div></div>Self-taught</div>	74.74%	71	...
<div><div></div>Other (Please specify) <a href="#">Show responses</a></div>	7.37%	7	...
Total		95	

#	OTHER (PLEASE SPECIFY)	DATE
1	None	3/16/2025 6:43 AM
2	books	2/25/2025 1:19 AM
3	None	2/4/2025 9:38 PM
4	ChatGPT	1/25/2025 5:04 AM
5	N/A	1/24/2025 3:26 PM
6	On the job training	12/18/2024 1:06 PM
7	Work	12/15/2024 8:00 PM

## Q13 How frequently do you use programming languages in your work?

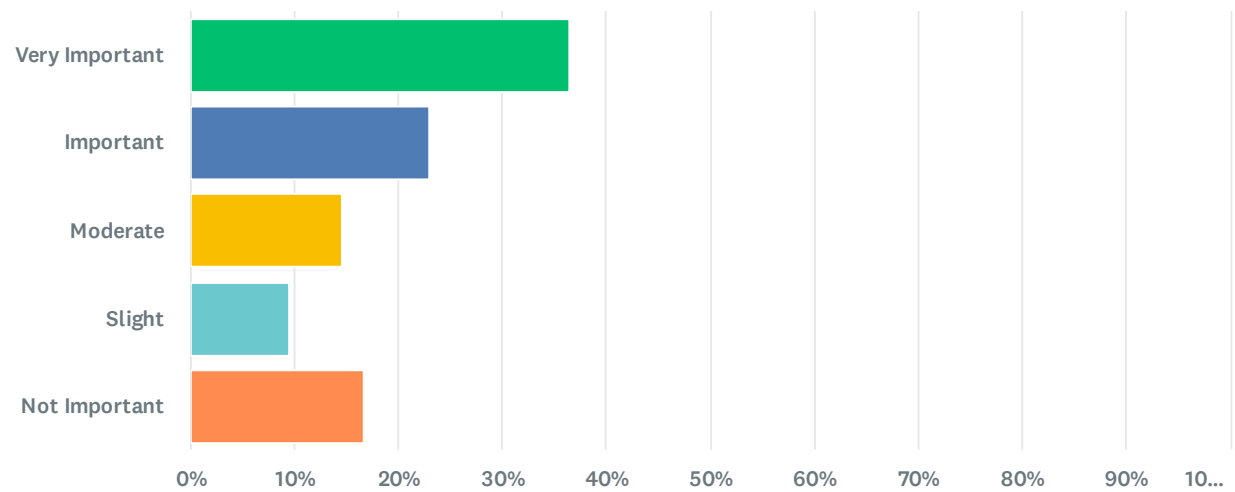
Answered: 96 Skipped: 8



Answer Choices ↓	Percentage ↓	Responses ↓	
<div></div> Daily	44.79%	43	...
<div></div> Weekly	14.58%	14	...
<div></div> Monthly	7.29%	7	...
<div></div> Rarely	21.88%	21	...
<div></div> Never	11.46%	11	...
Total		96	

## Q14 How critical is programming knowledge for your role?

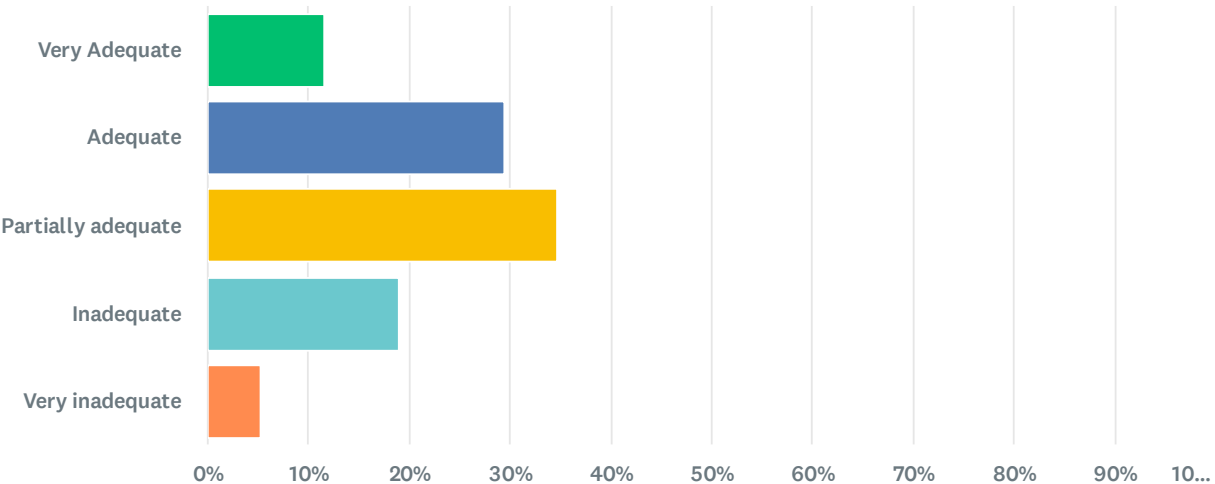
Answered: 96 Skipped: 8



Answer Choices ↓	Percentage ↓	Responses ↓	
<div></div> Very Important	36.46%	35	...
<div></div> Important	22.92%	22	...
<div></div> Moderate	14.58%	14	...
<div></div> Slight	9.38%	9	...
<div></div> Not Important	16.67%	16	...
Total		96	

Q15 How adequate was the programming knowledge you gained in university for your professional life?

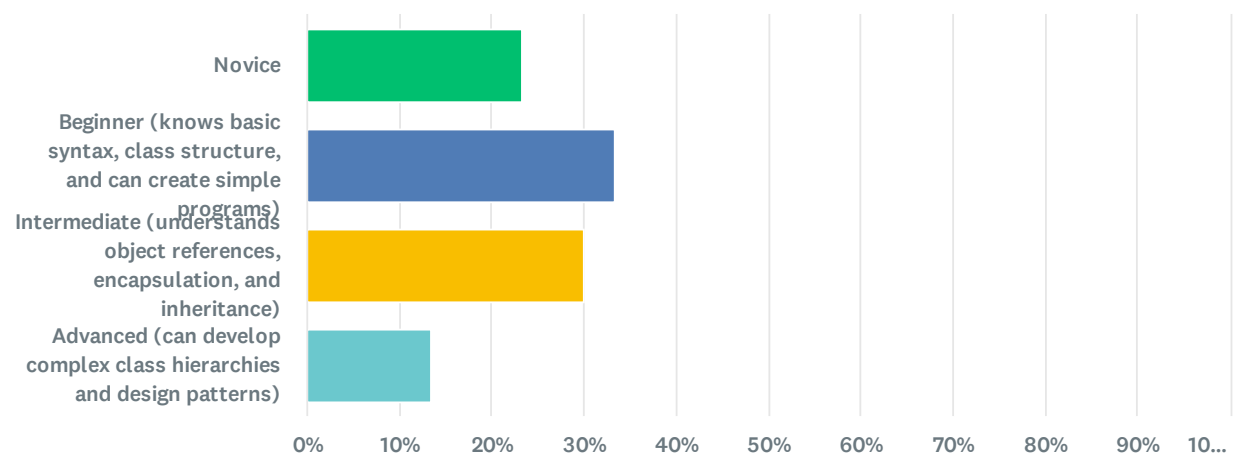
Answered: 95 Skipped: 9



Answer Choices ↓	Percentage ↓	Responses ↓	
<div></div> Very Adequate	11.58%	11	...
<div></div> Adequate	29.47%	28	...
<div></div> Partially adequate	34.74%	33	...
<div></div> Inadequate	18.95%	18	...
<div></div> Very inadequate	5.26%	5	...
Total		95	

Q16 How would you rate your knowledge of Object-Oriented Programming concepts?

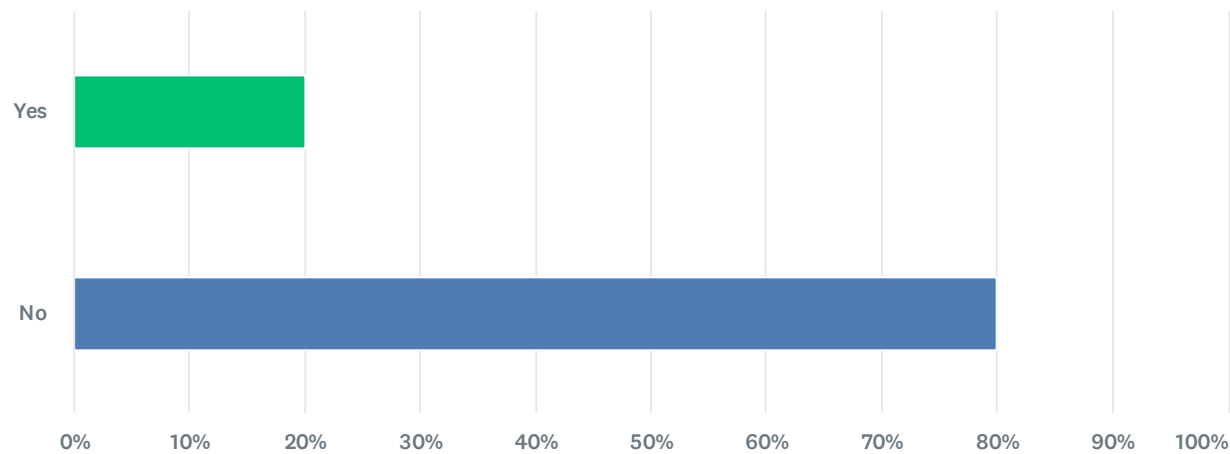
Answered: 90 Skipped: 14



Answer Choices ↓	Percentage ↓	Responses ↓	
<div><div></div> Novice</div>	23.33%	21	...
<div><div></div> Beginner (knows basic syntax, class structure, and can create simple programs)</div>	33.33%	30	...
<div><div></div> Intermediate (understands object references, encapsulation, and inheritance)</div>	30.00%	27	...
<div><div></div> Advanced (can develop complex class hierarchies and design patterns)</div>	13.33%	12	...
Total		90	

Q17 Have you heard about the SOLID (Single responsibility, Open-closed, Liskov substitution, Interface segregation, Dependency inversion) principles?

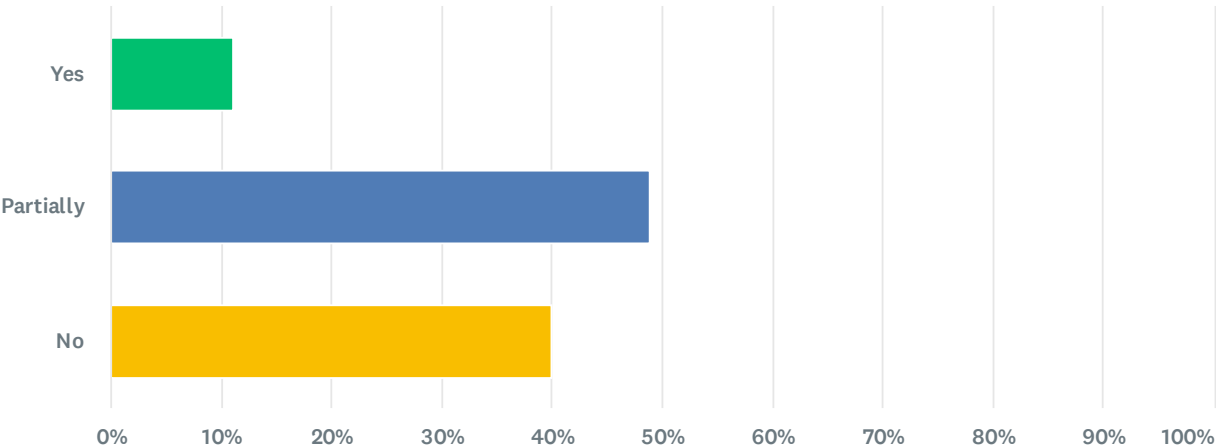
Answered: 90    Skipped: 14



Answer Choices ↓	Percentage ↓	Responses ↓	
<div><div></div> Yes</div>	20.00%	18	...
<div><div></div> No</div>	80.00%	72	...
Total		90	

Q18 Was your university education sufficient for applying OOP in real-world industry problems?

Answered: 90 Skipped: 14

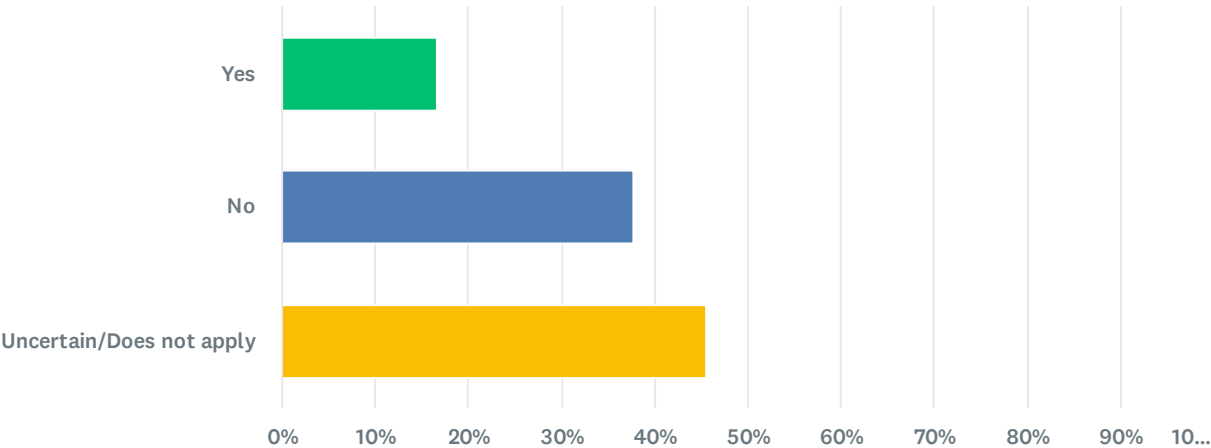


Answer Choices <span>↓</span>	Percentage <span>↓</span>	Responses <span>↓</span>	
<div><div></div> Yes</div>	11.11%	10	...
<div><div></div> Partially</div>	48.89%	44	...
<div><div></div> No</div>	40.00%	36	...
Total		90	



Q19 Have you encountered situations where the lack of proficiency in OOP concepts limited your effectiveness?

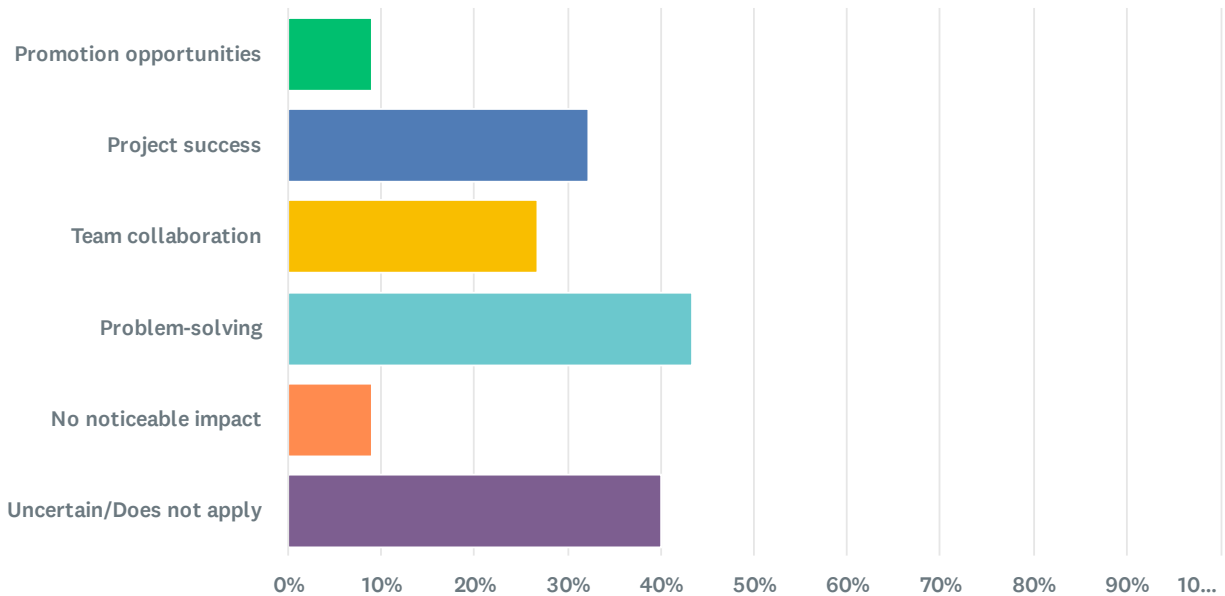
Answered: 90 Skipped: 14



Answer Choices ↓	Percentage ↓	Responses ↓	
<div><div></div> Yes</div>	16.67%	15	...
<div><div></div> No</div>	37.78%	34	...
<div><div></div> Uncertain/Does not apply</div>	45.56%	41	...
Total		90	

## Q20 Which aspects of your career have been positively influenced by proficiency in OOP concepts? Please select all that apply.

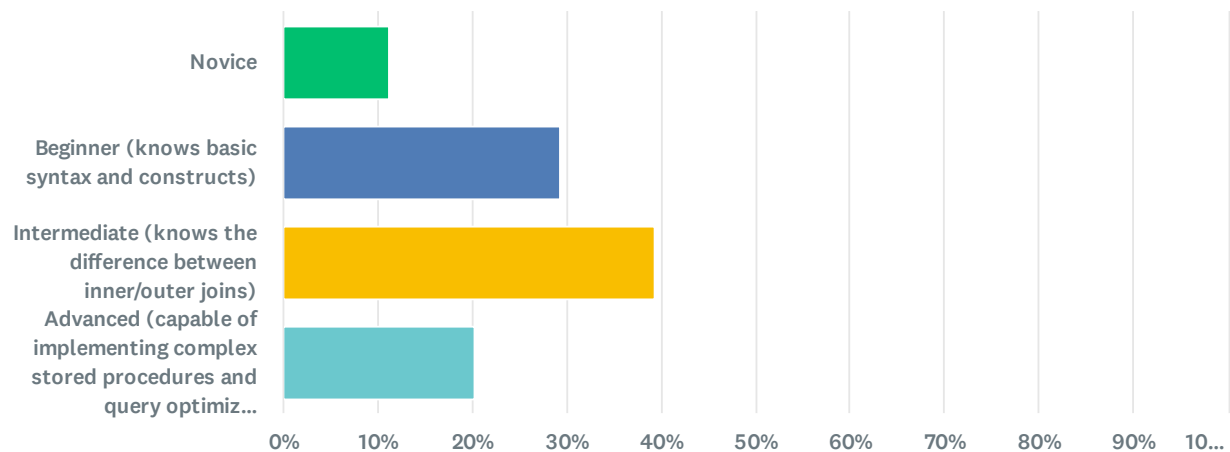
Answered: 90 Skipped: 14



Answer Choices ↓	Percentage ↓	Responses ↓	
<span style="color: green;">●</span> Promotion opportunities	8.89%	8	...
<span style="color: blue;">●</span> Project success	32.22%	29	...
<span style="color: yellow;">●</span> Team collaboration	26.67%	24	...
<span style="color: teal;">●</span> Problem-solving	43.33%	39	...
<span style="color: orange;">●</span> No noticeable impact	8.89%	8	...
<span style="color: purple;">●</span> Uncertain/Does not apply	40.00%	36	...
<b>Total</b>		<b>90</b>	

Q21 How would you rate your knowledge of Database concepts?

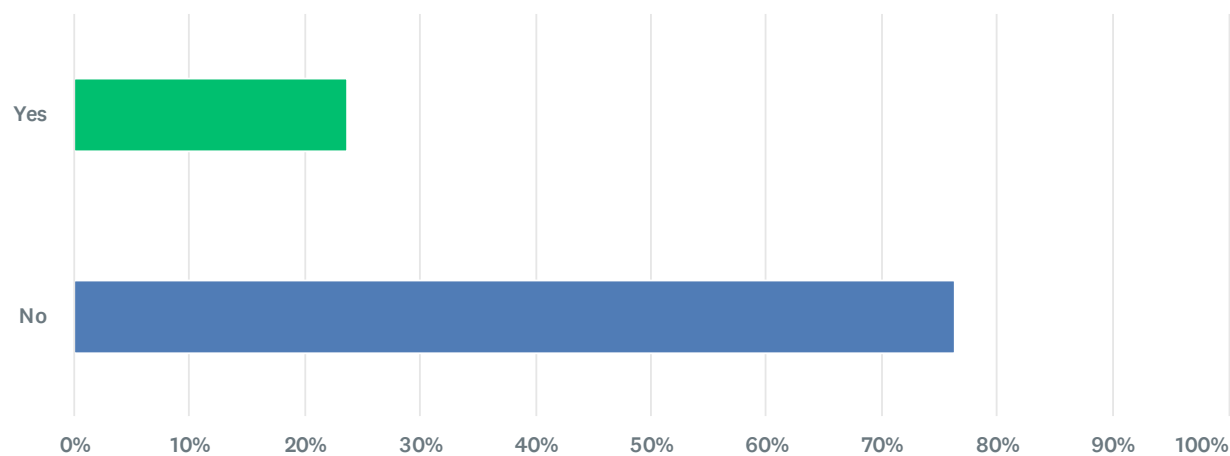
Answered: 89    Skipped: 15



Answer Choices ↓	Percentage ↓	Responses ↓	
<div>●</div> Novice	11.24%	10	...
<div>●</div> Beginner (knows basic syntax and constructs)	29.21%	26	...
<div>●</div> Intermediate (knows the difference between inner/outer joins)	39.33%	35	...
<div>●</div> Advanced (capable of implementing complex stored procedures and query optimization)	20.22%	18	...
Total		89	

Q22 Have you heard about ACID (Atomicity, Consistency, Isolation, Durability) principles?

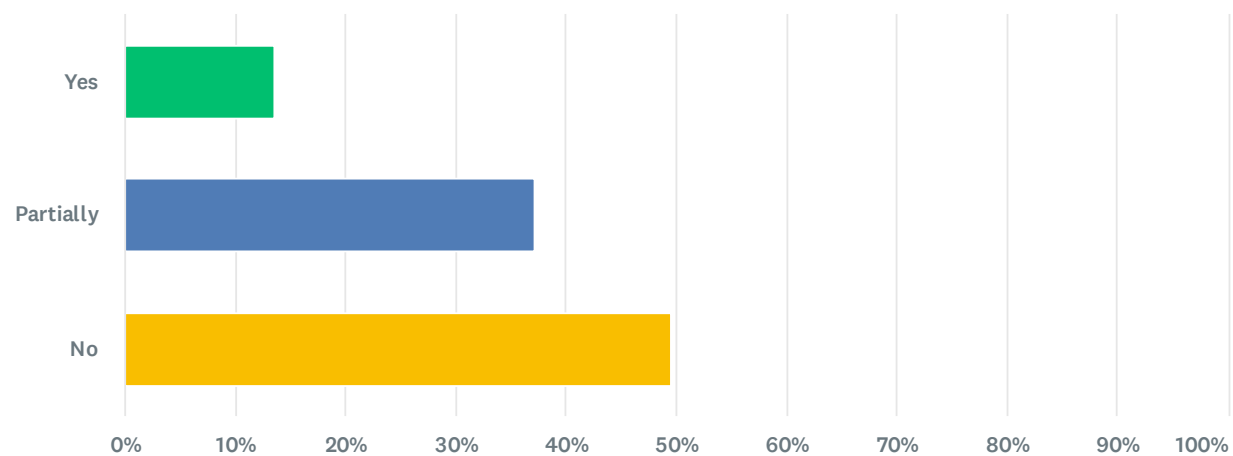
Answered: 89    Skipped: 15



Answer Choices <span>↓</span>	Percentage <span>↓</span>	Responses <span>↓</span>	
<div><div></div> Yes</div>	23.60%	21	...
<div><div></div> No</div>	76.40%	68	...
Total		89	

Q23 Do you feel that your university education sufficiently covered Database concepts and their applications?

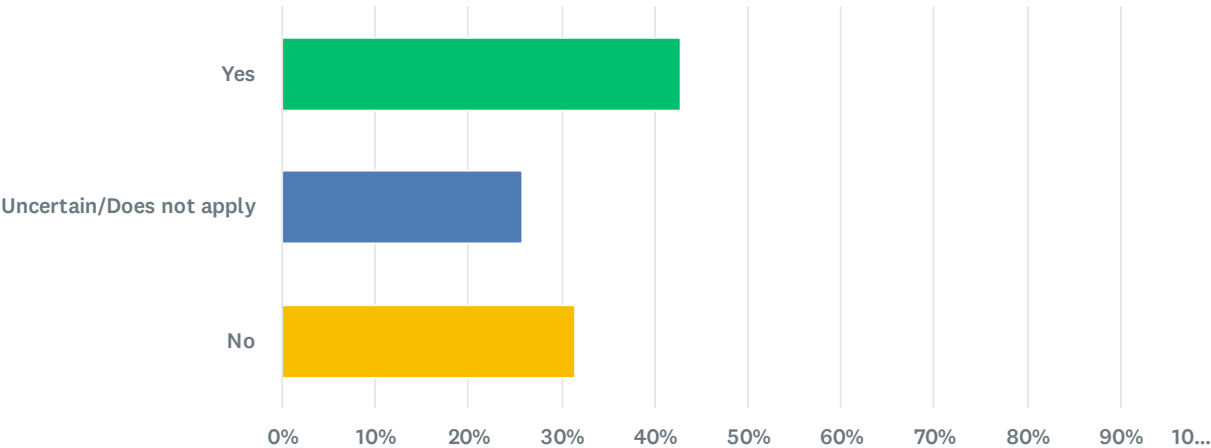
Answered: 89    Skipped: 15



Answer Choices ▾	Percentage ▾	Responses ▾	
<div><div></div> Yes</div>	13.48%	12	...
<div><div></div> Partially</div>	37.08%	33	...
<div><div></div> No</div>	49.44%	44	...
Total		89	

Q24 Have you encountered situations where the lack of proficiency in database concepts limited your effectiveness?

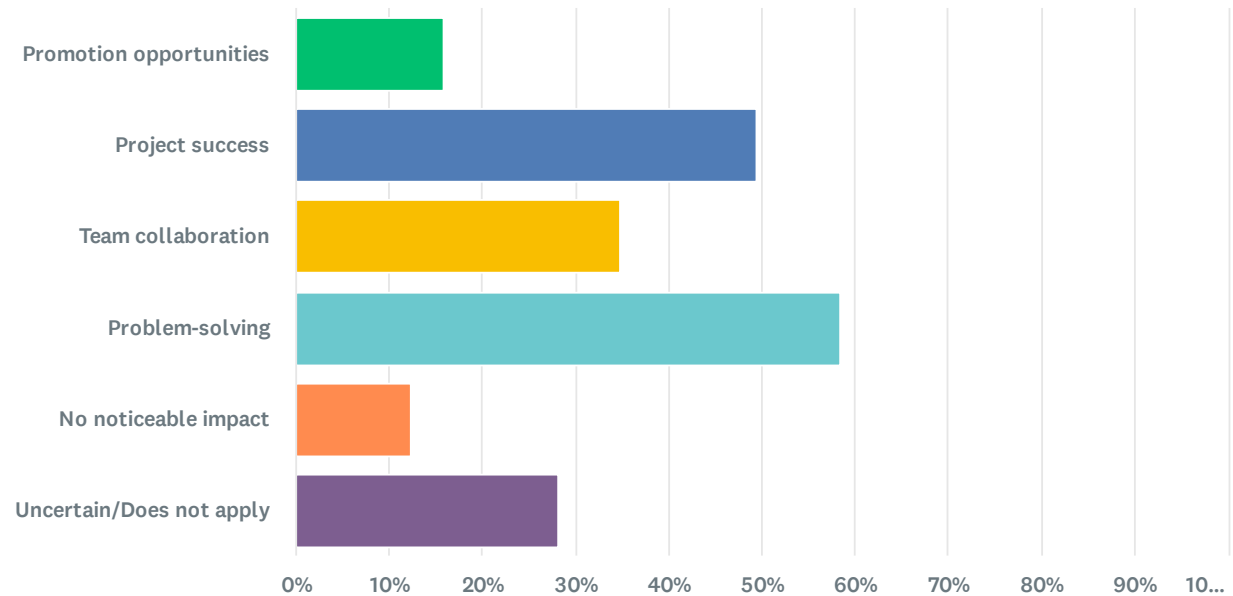
Answered: 89 Skipped: 15



Answer Choices ↓	Percentage ↓	Responses ↓	
<div><div></div> Yes</div>	42.70%	38	...
<div><div></div> Uncertain/Does not apply</div>	25.84%	23	...
<div><div></div> No</div>	31.46%	28	...
Total		89	

Q25 Which aspects of your career have been positively influenced by proficiency in Database concepts? Please select all that apply.

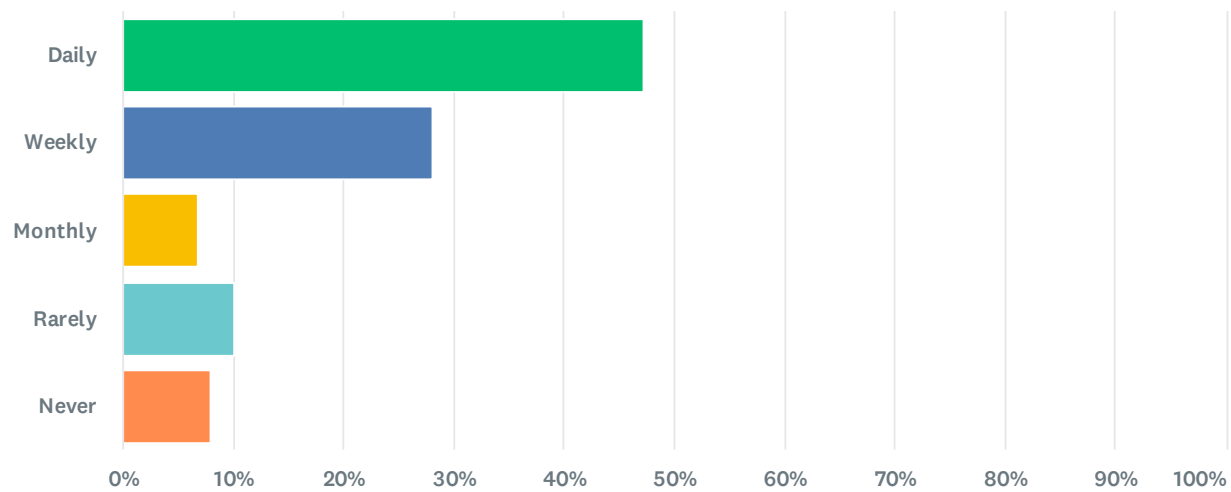
Answered: 89    Skipped: 15



Answer Choices ↓	Percentage ↓	Responses ↓	
<div></div> Promotion opportunities	15.73%	14	...
<div></div> Project success	49.44%	44	...
<div></div> Team collaboration	34.83%	31	...
<div></div> Problem-solving	58.43%	52	...
<div></div> No noticeable impact	12.36%	11	...
<div></div> Uncertain/Does not apply	28.09%	25	...
Total		89	

## Q26 How often do you use ChatGPT or similar AI-based tools?

Answered: 89   Skipped: 15

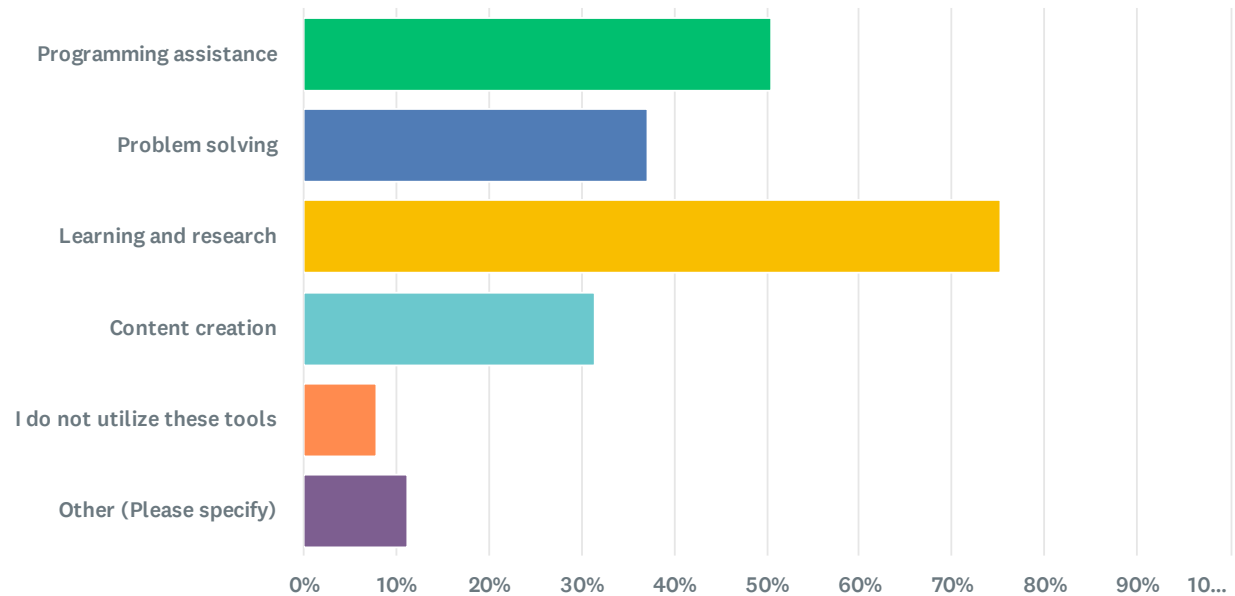


Answer Choices ↓	Percentage ↓	Responses ↓	
<div></div> Daily	47.19%	42	...
<div></div> Weekly	28.09%	25	...
<div></div> Monthly	6.74%	6	...
<div></div> Rarely	10.11%	9	...
<div></div> Never	7.87%	7	...
Total		89	



Q27 For what purposes do you use ChatGPT or similar AI tools? (Please select all that apply)

Answered: 89    Skipped: 15



Answer Choices ↓	Percentage ↓	Responses ↓	
<div></div> Programming assistance	50.56%	45	...
<div></div> Problem solving	37.08%	33	...
<div></div> Learning and research	75.28%	67	...
<div></div> Content creation	31.46%	28	...
<div></div> I do not utilize these tools	7.87%	7	...
<div></div> Other (Please specify) <a>Show responses</a>	11.24%	10	...
Total		89	

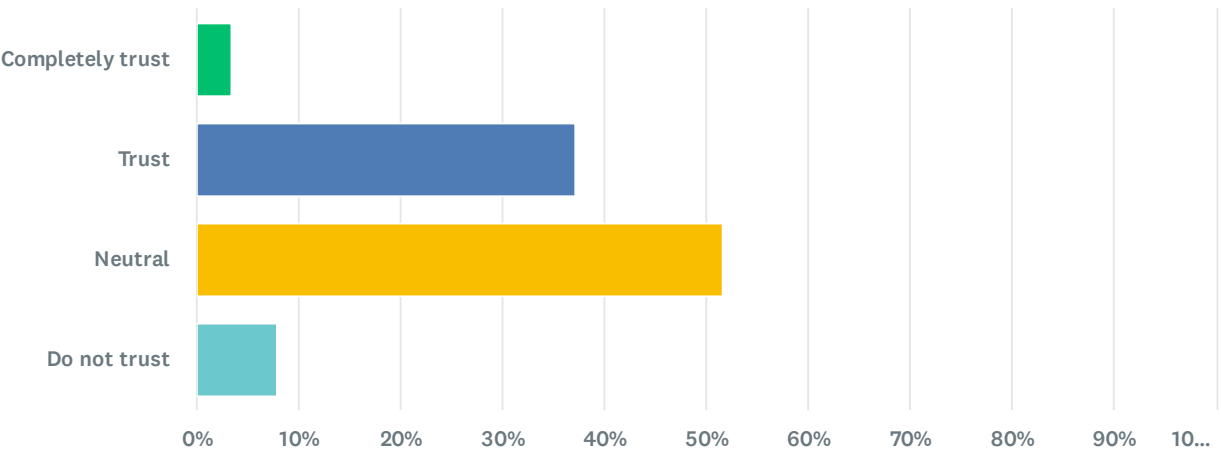
#	OTHER (PLEASE SPECIFY)	DATE
1	Writing	3/16/2025 6:45 AM
2	Excel	2/4/2025 9:41 PM

## Impact of Programming and Database Proficiency on Professional Success

3	Writing	1/27/2025 8:50 PM
4	Writing skills	1/26/2025 5:38 PM
5	Research	1/26/2025 1:26 AM
6	Designing Automated Processes	1/25/2025 11:03 PM
7	Drafting Emails	1/25/2025 8:42 AM
8	Random questions and trip planning.	1/24/2025 8:21 PM
9	We develop tools in healthcare that use LLMs to address end user needs	1/24/2025 6:04 PM
10	Writing	12/17/2024 11:04 PM

## Q28 How much do you trust the outputs provided by ChatGPT or similar AI-based tools?

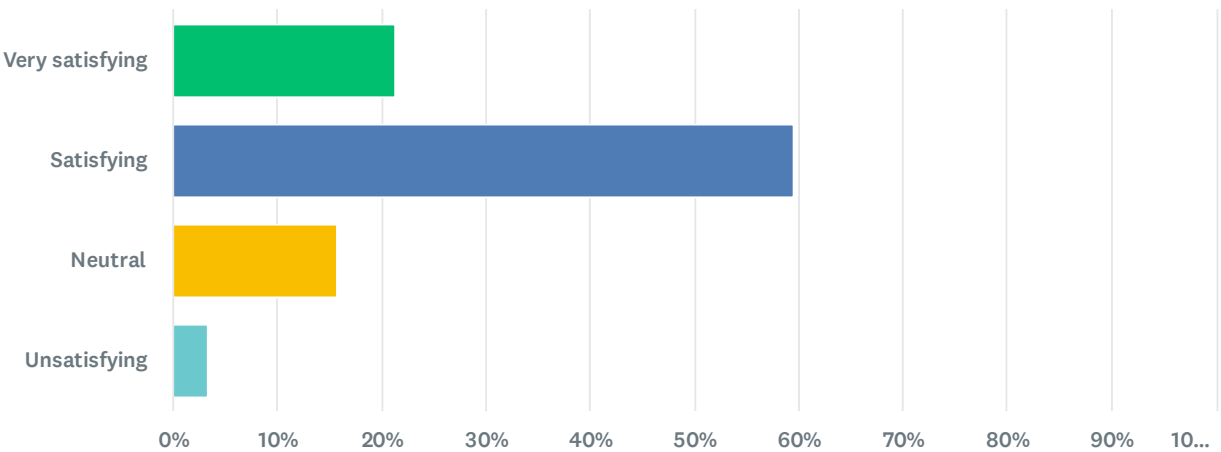
Answered: 89 Skipped: 15



Answer Choices ↓	Percentage ↓	Responses ↓	
<div><div></div> Completely trust</div>	3.37%	3	...
<div><div></div> Trust</div>	37.08%	33	...
<div><div></div> Neutral</div>	51.69%	46	...
<div><div></div> Do not trust</div>	7.87%	7	...
Total		89	

## Q29 How would you rate your experience with AI Tools?

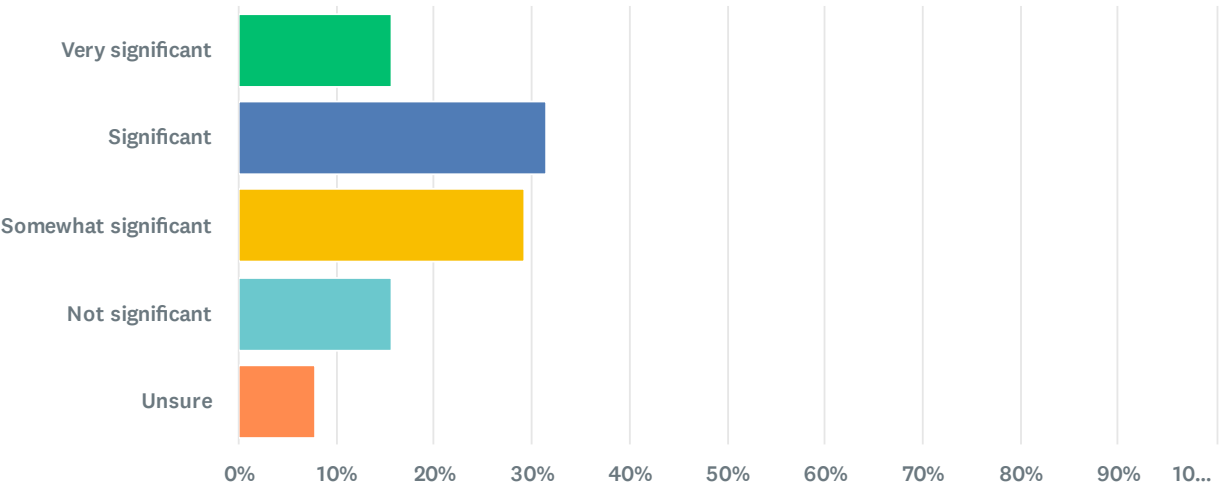
Answered: 89    Skipped: 15



Answer Choices ↓	Percentage ↓	Responses ↓	
<div></div> Very satisfying	21.35%	19	...
<div></div> Satisfying	59.55%	53	...
<div></div> Neutral	15.73%	14	...
<div></div> Unsatisfying	3.37%	3	...
Total		89	

Q30 How significant do you believe prior knowledge in programming or databases is for effectively utilizing ChatGPT or similar AI tools?

Answered: 89 Skipped: 15



Answer Choices ↓	Percentage ↓	Responses ↓	
<div></div> Very significant	15.73%	14	...
<div></div> Significant	31.46%	28	...
<div></div> Somewhat significant	29.21%	26	...
<div></div> Not significant	15.73%	14	...
<div></div> Unsure	7.87%	7	...
Total		89	