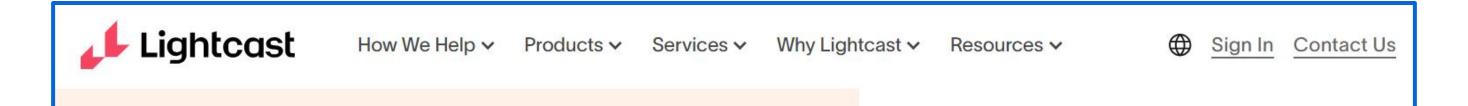
Job Opportunities with SAS Skill

Boston SAS Users Group SAS Blowout October 18, 2024

Jacqueline Johnson, DrPH
Principal Analytical Training Consultant, SAS

Jacqueline.Johnson@sas.com

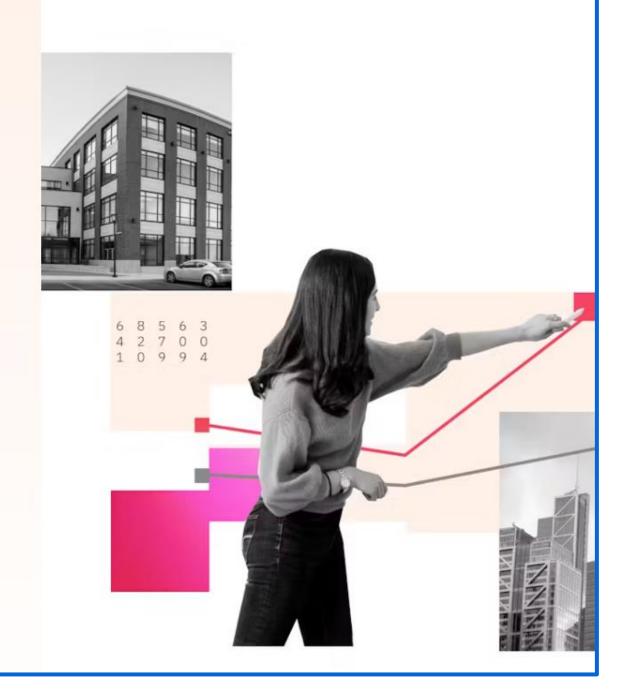




Lightcast is a global leader in labor market analytics.

We connect people with jobs by providing businesses, communities, and education institutions with the best labor market data possible. Our data-driven insight enables better, faster decisions.

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This presentation includes data for the two-year period: Oct 2022 - Sept 2024



Top 20 Companies in the Boston MSA Hiring SAS Skill

Mass General Brigham	345
Takeda Pharmaceutical Company	345
Liberty Mutual	290
AstraZeneca	268
Parexel	239
Harvard University	229
Point32Health	146
Humana	142
Santander Bank	133
Boston Medical Center	120

Citizens Bank	120
Massachusetts General Hospital	119
UnitedHealth Group	118
Vertex Pharmaceuticals	99
Elevance Health	92
Moderna Therapeutics	88
Boston University	84
Amazon	79
Talent Boost	79
Bank of America	78



Pharmaceutical Industry – 1,140 total -\$160K median salary

Mass General Brigham	345
Takeda Pharmaceutical Company	345
Liberty Mutual	290
AstraZeneca	268
Parexel	239
Harvard University	229
Point32Health	146
Humana	142
Santander Bank	133
Boston Medical Center	120

Citizens Bank	120
Massachusetts General Hospital	119
UnitedHealth Group	118
Vertex Pharmaceuticals	99
Elevance Health	92
Moderna Therapeutics	88
Boston University	84
Amazon	79
Talent Boost	79
Bank of America	78



Insurance Industry - 974 Total - \$119K median salary

Mass General Brigham	345
Takeda Pharmaceutical Company	345
Liberty Mutual	290
AstraZeneca	268
Parexel	239
Harvard University	229
Point32Health	146
Humana	142
Santander Bank	133
Boston Medical Center	120

Citizens Bank	120
Massachusetts General Hospital	119
UnitedHealth Group	118
Vertex Pharmaceuticals	99
Elevance Health	92
Moderna Therapeutics	88
Boston University	84
Amazon	79
Talent Boost	79
Bank of America	78



Health Care Industry - 939 Total - \$104K median salary

Mass General Brigham	345
Takeda Pharmaceutical Company	345
Liberty Mutual	290
AstraZeneca	268
Parexel	239
Harvard University	229
Point32Health	146
Humana	142
Santander Bank	133
Boston Medical Center	120

Citizens Bank	120
Massachusetts General Hospital	119
UnitedHealth Group	118
Vertex Pharmaceuticals	99
Elevance Health	92
Moderna Therapeutics	88
Boston University	84
Amazon	79
Talent Boost	79
Bank of America	78



Banking Industry – 546 Total - \$123K median salary

Mass General Brigham	345
Takeda Pharmaceutical Company	345
Liberty Mutual	290
AstraZeneca	268
Parexel	239
Harvard University	229
Point32Health	146
Humana	142
Santander Bank	133
Boston Medical Center	120

Citizens Bank	120
Massachusetts General Hospital	119
UnitedHealth Group	118
Vertex Pharmaceuticals	99
Elevance Health	92
Moderna Therapeutics	88
Boston University	84
Amazon	79
Talent Boost	79
Bank of America	78



Other Industries – 4,117 Total

Mass General Brigham	345
Takeda Pharmaceutical Company	345
Liberty Mutual	290
AstraZeneca	268
Parexel	239
Harvard University	229
Point32Health	146
Humana	142
Santander Bank	133
Boston Medical Center	120

Citizens Bank	120
Massachusetts General Hospital	119
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Vertex Pharmaceuticals	99
Elevance Health	92
Moderna Therapeutics	88
Boston University	84
Amazon	79
Talent Boost	79
Bank of America	78



Popular Locations for SAS Jobs in the Northeast

New York, NY	6,992
Boston, MA	4,309
Philadelphia, PA	2,104
Hartford, CT	1,279
New Brunswick, NJ	1,209
Cambridge, MA	1,057
Montpelier, VT	996
Pittsburgh, PA	994
Providence, RI	926
Jersey City, NJ	783

Augusta, ME	772
Newark, NJ	702
Princeton, NJ	683
Albany, NY	542
Trenton, NJ	535
Stamford, CT	475
Buffalo, NY	467
Concord, NH	428
Piscataway, NJ	404
Bloomfield, CT	354



Top 20 Companies in the Northeast Hiring SAS Skill

Humana	1,018
Takeda Pharmaceutical Company	950
Rutgers University	901
Citigroup	864
Parexel	835
Elevance Health	655
CVS Health	620
Bristol-Myers Squibb	552
AstraZeneca	544
TD Bank	540

Travelers	514
Cigna	466
University of Pennsylvania	444
Ruetgers Ag	442
Highmark Health	427
Citizens Bank	414
Merck	382
Amazon	379
Liberty Mutual	376
Horizon BCBS of New Jersey	376



Insurance Industry - 5,744 Total

Humana	1,018
Takeda Pharmaceutical Company	950
Rutgers University	901
Citigroup	864
Parexel	835
Elevance Health	655
CVS Health	620
Bristol-Myers Squibb	552
AstraZeneca	544
TD Bank	540

Travelers	514
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University of Pennsylvania	444
Ruetgers Ag	442
Highmark Health	427
Citizens Bank	414
Merck	382
Amazon	379
Liberty Mutual	376
Horizon BCBS of New Jersey	376



Banking Industry – 5,287 Total

Humana	1,018
Takeda Pharmaceutical Company	950
Rutgers University	901
Citigroup	864
Parexel	835
Elevance Health	655
CVS Health	620
Bristol-Myers Squibb	552
AstraZeneca	544
TD Bank	540

Travelers	514
Cigna	466
University of Pennsylvania	444
Ruetgers Ag	442
Highmark Health	427
Citizens Bank	414
Merck	382
Amazon	379
Liberty Mutual	376
Horizon BCBS of New Jersey	376



Pharmaceutical Industry - 4,312 Total

Humana	1,018
Takeda Pharmaceutical Company	950
Rutgers University	901
Citigroup	864
Parexel	835
Elevance Health	655
CVS Health	620
Bristol-Myers Squibb	552
AstraZeneca	544
TD Bank	540

Travelers	514
Cigna	466
University of Pennsylvania	444
Ruetgers Ag	442
Highmark Health	427
Citizens Bank	414
Merck	382
Amazon	379
Liberty Mutual	376
Horizon BCBS of New Jersey	376



Other Industries – 31,765 Total

Humana	1,018
Takeda Pharmaceutical Company	950
Rutgers University	901
Citigroup	864
Parexel	835
Elevance Health	655
CVS Health	620
Bristol-Myers Squibb	552
AstraZeneca	544
TD Bank	540

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Top Occupations for SAS Skill in the Boston MSA

Data Analyst	607
Biostatistician	565
Data Scientist	531
Statistician	462
Programmer / Analyst	404
Biostatistics Manager / Director	283
Actuary	189
Research Assistant	188
Business Analyst (General)	180
SAS Programmer	179



Median Salary with SAS Skill

Biostatistics Manager / Director	\$189,952
Programmer / Analyst	\$134,912
Biostatistician	\$132,608
Data Scientist	\$132,608
Actuary	\$126,976
SAS Programmer	\$125,952
Statistician	\$123,648
Data Analyst	\$109,312
Business Analyst (General)	\$97,792
Research Assistant	\$59,648



Data Analyst

Biostatistician

Data Scientist

Statistician

Programmer / Analyst

Biostatistics Manager / Director

Actuary

Research Assistant

Business Analyst (General)

SAS Programmer

Data Analysts

Research Data Analysts

Cost Management Analysts

Data Science Analysts

Data Analytics Associates

Data and Reporting Analysts

Health Data Analysts

Healthcare Data Analysts

Quantitative Data Analysts

Principal Data Scientists



Data Analyst

Biostatistician

Data Scientist

Statistician

Programmer / Analyst

Biostatistics Manager / Director

Actuary

Research Assistant

Business Analyst (General)

SAS Programmer

Biostatisticians

Principal Biostatisticians

Infectious Disease Physicians

Biometricians

Biostatisticians/Epidemiologists

Research Biostatisticians

Lead Biostatisticians

Statistical SAS Programmers

Biostatistics Interns

Oncology Clinical Project Managers



Data Analyst

Biostatistician

Data Scientist

Statistician

Programmer / Analyst

Biostatistics Manager / Director

Actuary

Research Assistant

Business Analyst (General)

SAS Programmer

Data Scientists

Lead Data Scientists

Principal Data Scientists

Risk Modelers

Data Scientist Consultants

Data Science Associates

Data Analytics Scientists

Data Science Interns

Data Software Engineers

Clinical Data Scientists



Data Analyst

Biostatistician

Data Scientist

Statistician

Programmer / Analyst

Biostatistics Manager / Director

Actuary

Research Assistant

Business Analyst (General)

SAS Programmer

Oncology Physicians

Statisticians

Global Medical Affairs Leaders

Directors of Statistics

Statistical Programming Managers

Statistical Programmers

Principals

Associate Directors of Statistical Programming

Statistical Scientists

Statistical Analysts



Data Analyst

Biostatistician

Data Scientist

Statistician

Programmer / Analyst

Biostatistics Manager / Director

Actuary

Research Assistant

Business Analyst (General)

SAS Programmer

Statistical Programmers

Associate Directors of Stat Programming

Programmers

Clinical Programmers

Principal Program Managers

Research Programmers

SQL Programmers

Clinical Data Programmers

Lead Programmers

Programmer Analysts



Data Analyst

Biostatistician

Data Scientist

Statistician

Programmer / Analyst

Biostatistics Manager / Director

Actuary

Research Assistant

Business Analyst (General)

SAS Programmer

SAS Programmers

Clinical SAS Programmers

SAS Developers

Associate Program Directors

Programming Managers

Model Associates

Statistical Programming Managers

Statistical SAS Programmers

Scientific Affairs Managers

SAS Administrators



	Associates	Bachelors	Masters	Doctorate
Actuary	20%	64%	2%	0%
SAS Programmer	0%	75%	2%	2%
Programmer / Analyst	0%	66%	9%	0%
Research Assistant	0%	88%	6%	4%
Business Analyst (General)	2%	75%	16%	0%
Data Analyst	1%	76%	17%	0%
Data Scientist	0%	59%	28%	3%
Statistician	1%	26%	28%	42%
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	None Listed	0-3 Years	4-6 Years	7+ Years
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Actuary	12%	56%	23%	8%
Business Analyst (General)	12%	56%	23%	8%
Research Assistant	25%	48%	27%	0%
SAS Programmer	26%	39%	20%	15%
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Statistician	22%	36%	24%	18%
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Biostatistician	16%	30%	42%	12%
Programmer / Analyst	29%	17%	37%	16%
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SAS Programmer	26%	39%	20%	15%
Data Scientist	21%	39%	29%	10%
Statistician	22%	36%	24%	18%
Biostatistician	16%	30%	42%	12%
Programmer / Analyst	29%	17%	37%	16%
Biostatistics Manager / Director	22%	10%	17%	51%



Thank you!

Jacqueline.Johnson@sas.com

