



Data Scientists



Ranked

35

by count of job opportunities

Percentage

0.70%

of all job opportunities

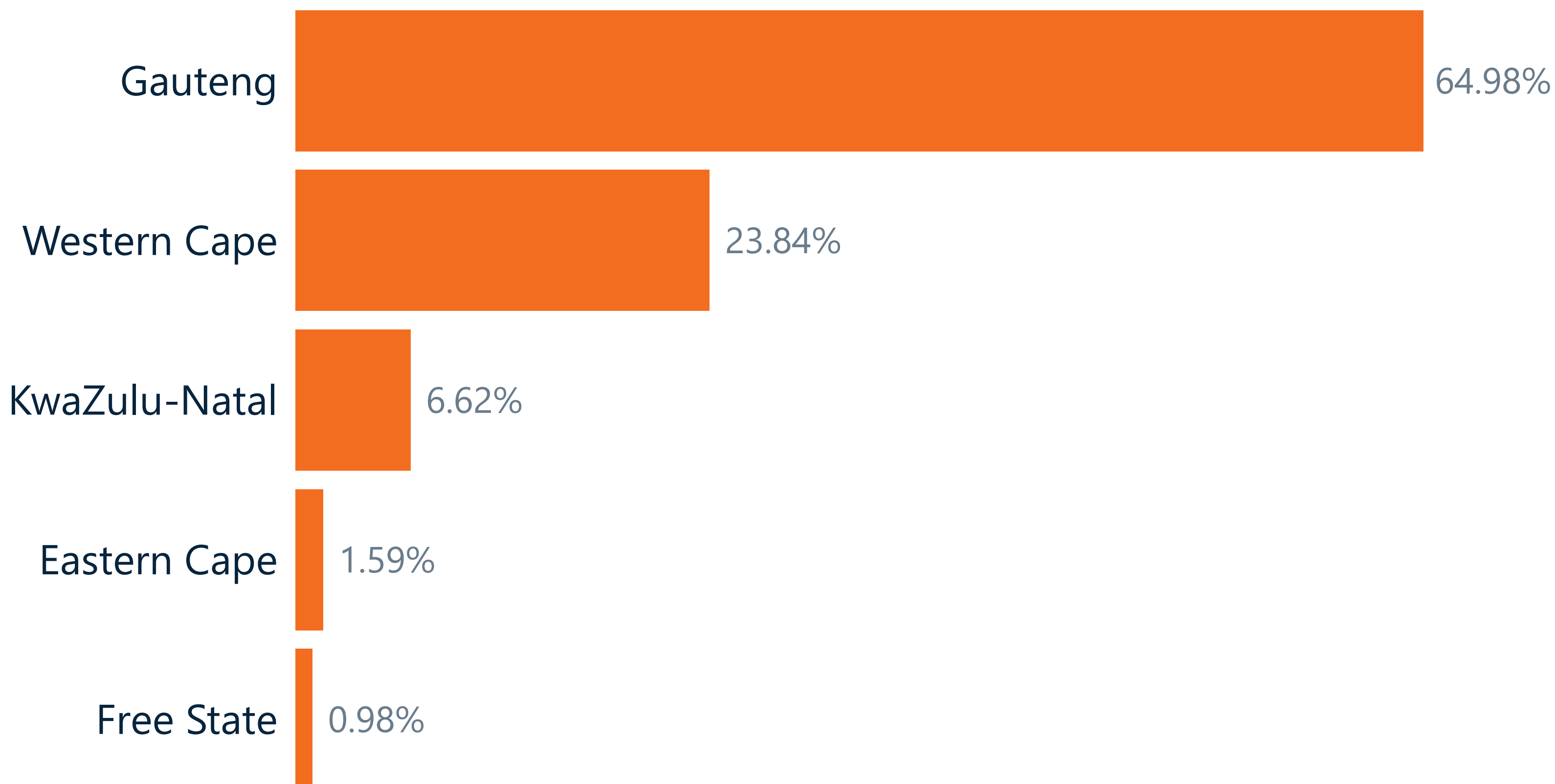
Hard-to-Fill

22.12%

% job opportunities that are "hard-to-fill"

Top 5 Provinces

by percentage of job opportunities



- credit the JobTrendZA and Kululeko Consulting as the original source,
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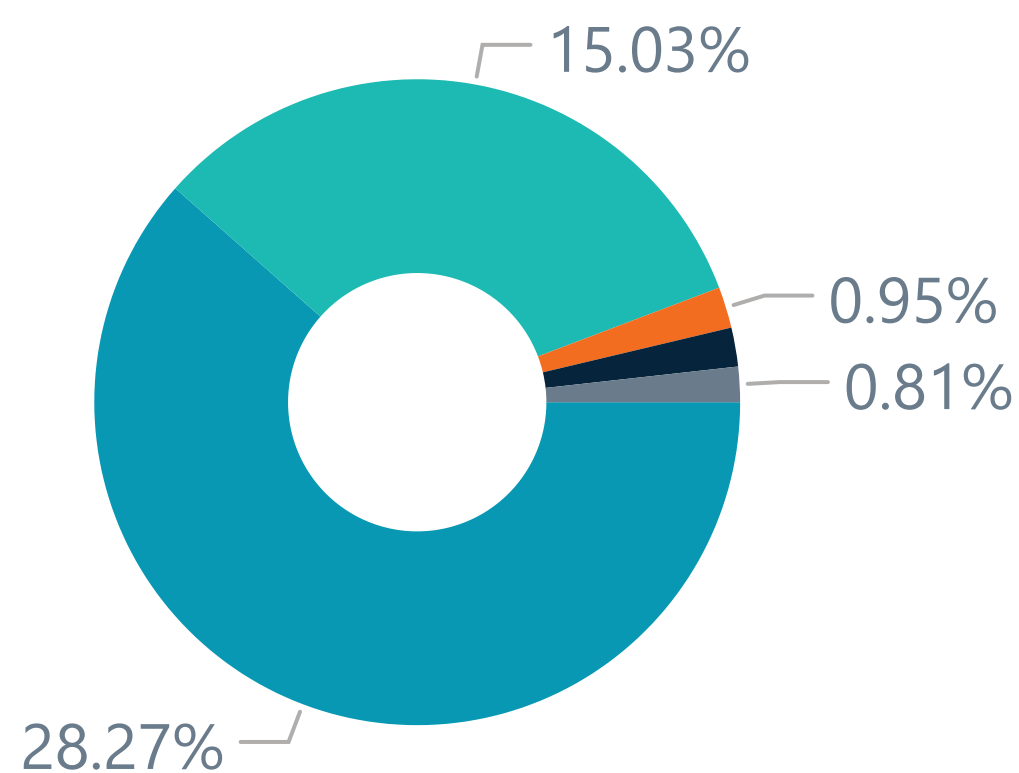
Top 5 Industries

by percentage of job opportunities

Information and communication	35.22%
Financial and insurance activities	13.52%
Administrative and support activities	11.93%
Professional, scientific and technical activities	11.76%
Wholesale and retail trade	2.71%

Top 5 Company Types

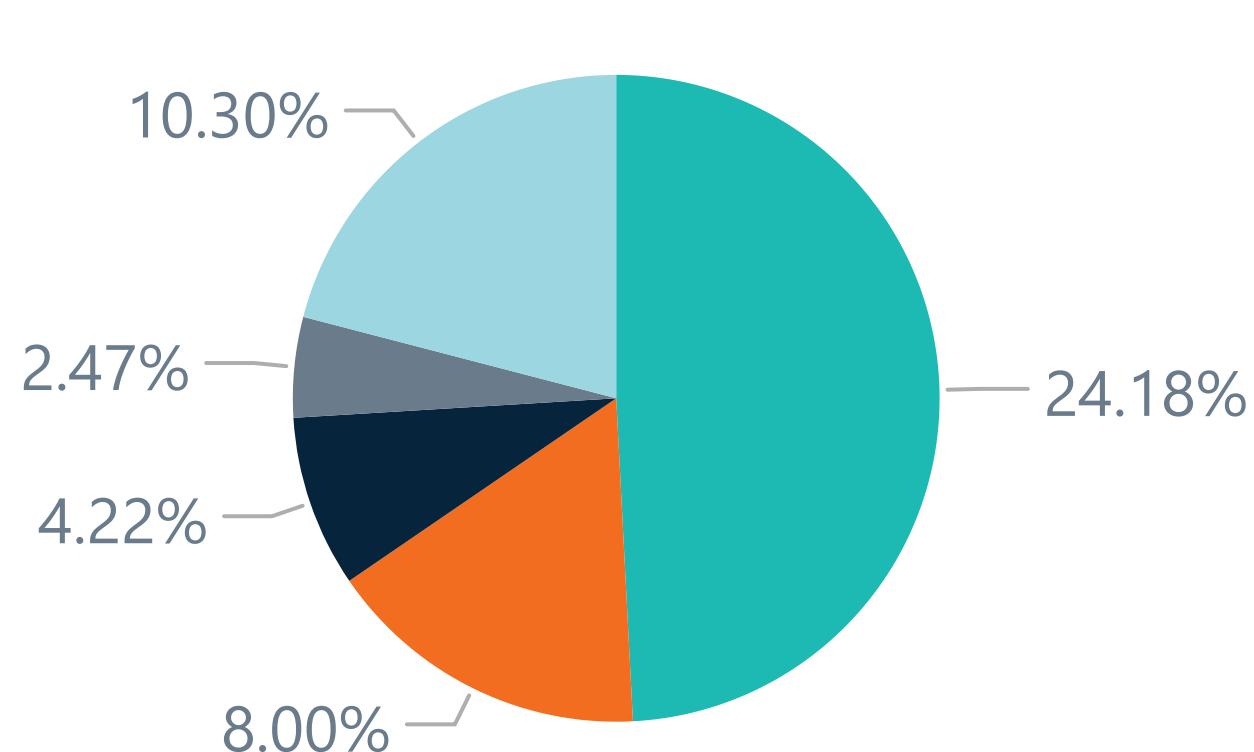
by percentage of job opportunities



- Private company
- Public company
- Sole proprietorship
- Corporation
- Partnership

Top 5 Company Sizes

by percentage of job opportunities



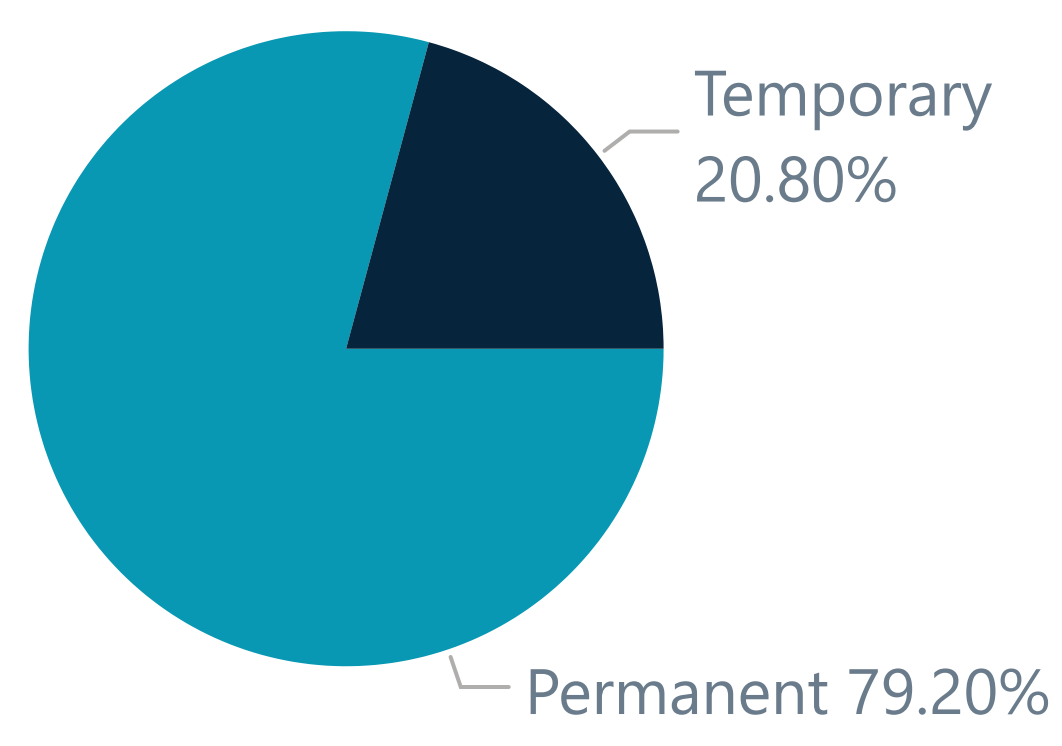
- 1 to 100
- 101 to 500
- 1,001 to 5,000
- 5,001 to 10,000
- 10,001 +



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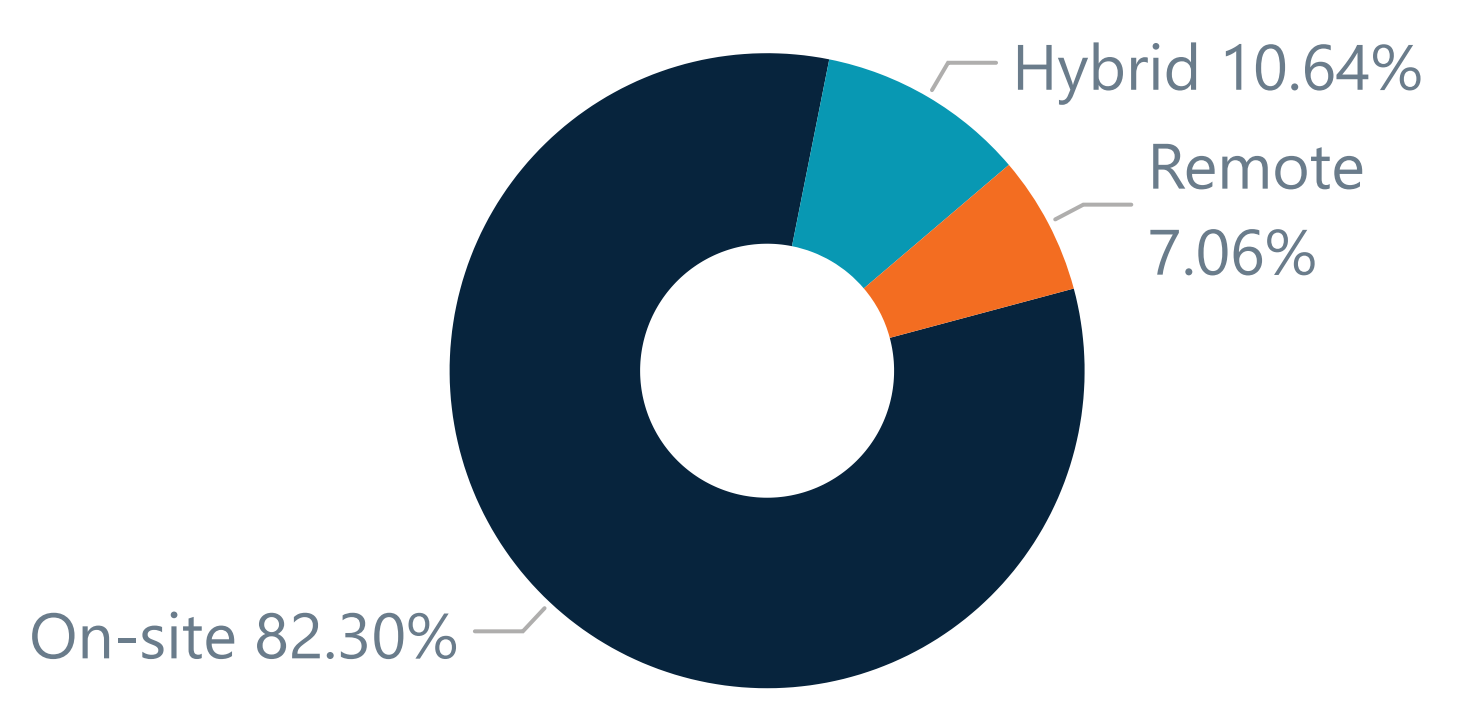
Employment Type

percentage of job opportunities



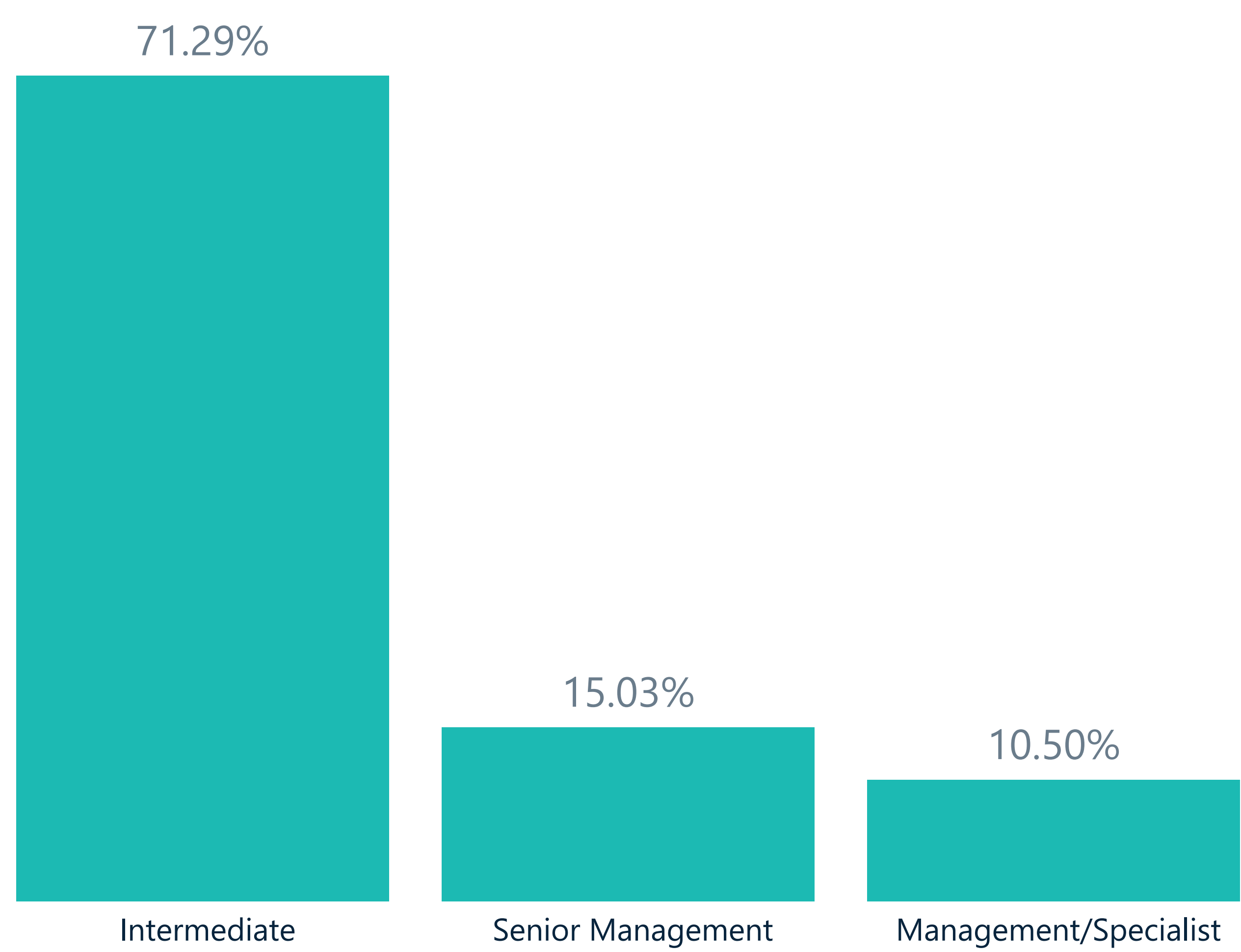
Employment Flexibility

percentage of job opportunities



Top 3 Employment Levels

by percentage of job opportunities

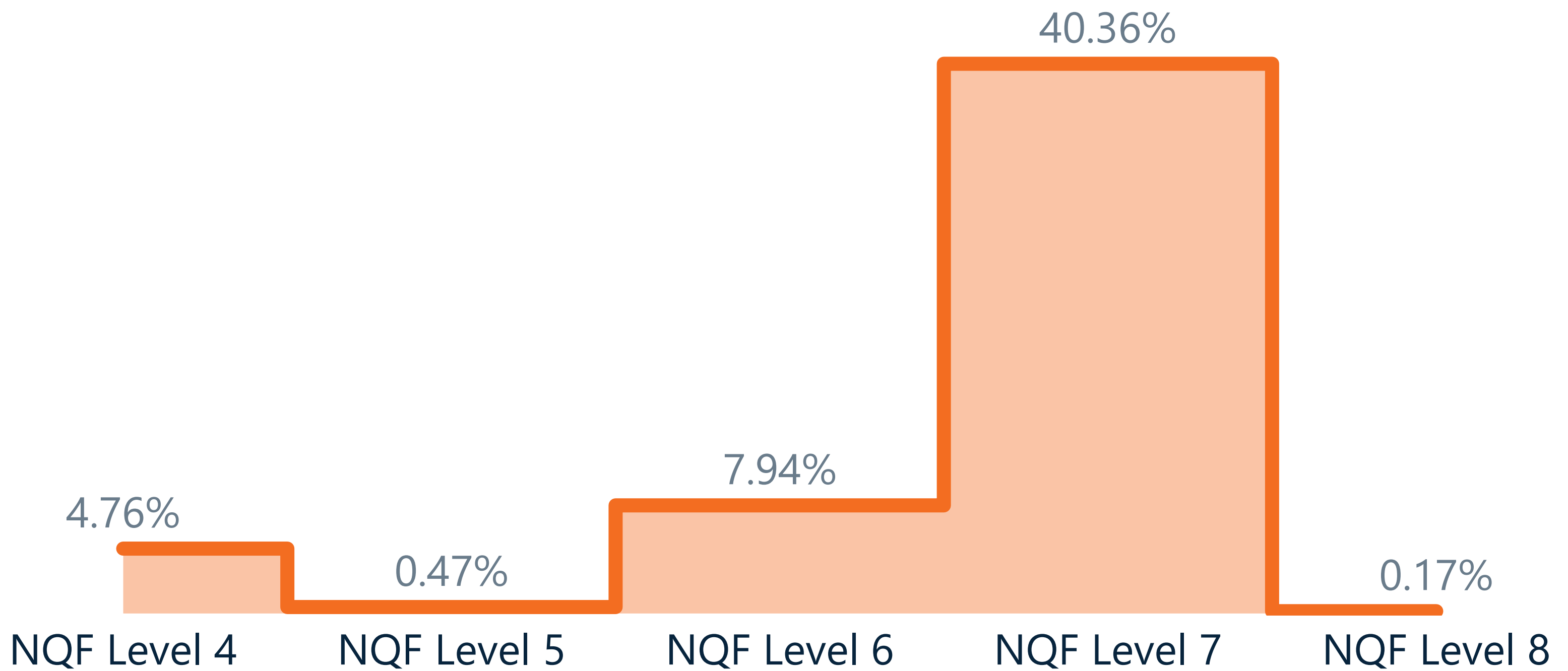




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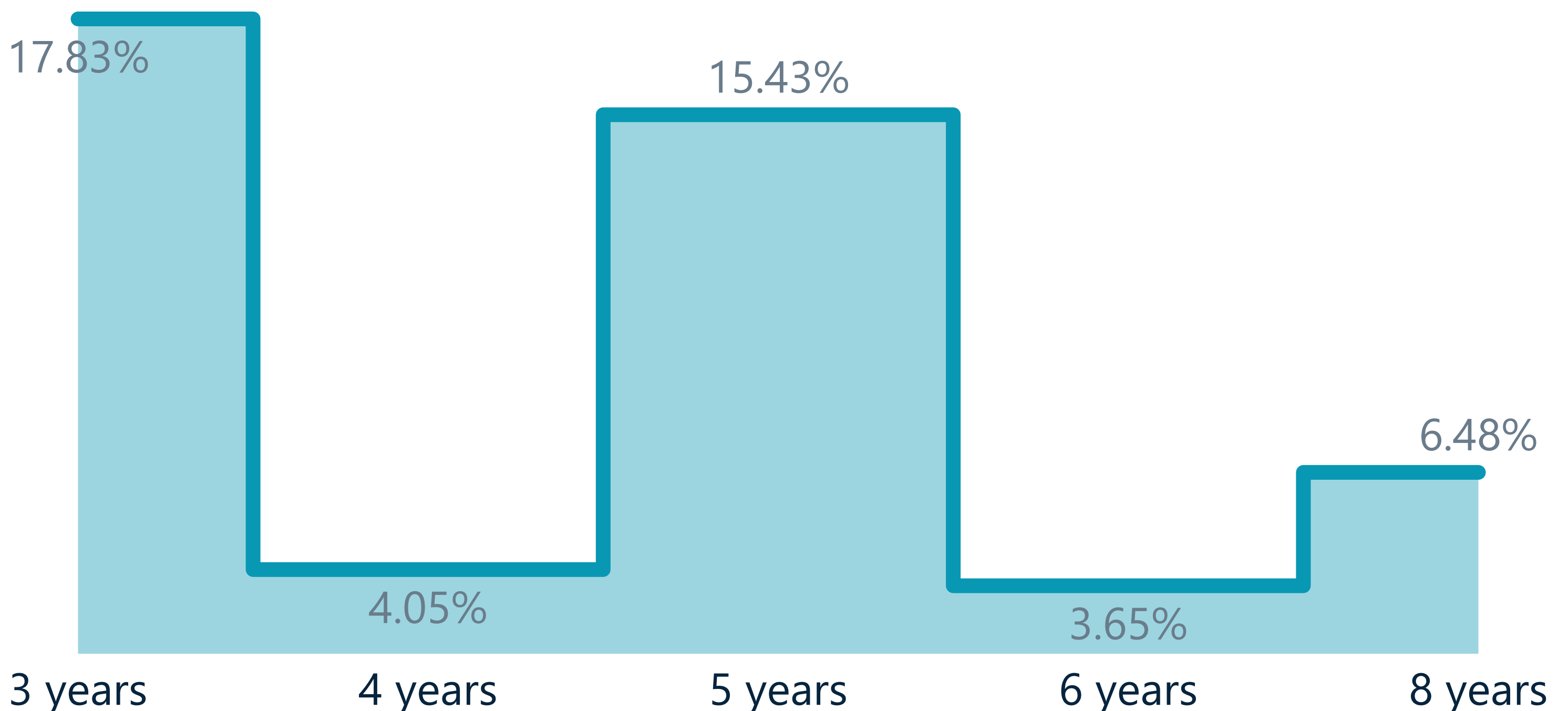
Top 5 Minimum Qualification Level

by percentage of job opportunities



Top 5 Minimum Years Experience

by percentage of job opportunities





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Top 10 Required Skills

Time Management	
Managing one's own time and the time of others.	1
Systems Analysis	
Determining how a system should work and how changes in conditions, operations, and the environment will affect outcomes.	2
Complex Problem Solving	
Identifying complex problems and reviewing related information to develop and evaluate options and implement solutions.	3
Writing	
Communicating effectively in writing as appropriate for the needs of the audience.	4
Learning Strategies	
Selecting and using training/instructional methods and procedures appropriate for the situation when learning or teaching new things.	5
Service Orientation	
Actively looking for ways to help people.	6
Operations Analysis	
Analyzing needs and product requirements to create a design.	7
Science	
Using scientific rules and methods to solve problems.	8
Technology Design	
Generating or adapting equipment and technology to serve user needs.	9
Programming	
Writing computer programs for various purposes.	10



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Top 5 Required Knowledge

Administration and Management

Business and management principles involved in strategic planning, resource allocation, human resources modeling, leadership technique, production methods, and coordination of people and resources.

1

Customer and Personal Service

Principles and processes for providing customer and personal services. This includes customer needs assessment, meeting quality standards for services, and evaluation of customer satisfaction.

2

Communications and Media

Media production, communication, and dissemination techniques and methods. This includes alternative ways to inform and entertain via written, oral, and visual media.

3

Sales and Marketing

Principles and methods for showing, promoting, and selling products or services. This includes marketing strategy and tactics, product demonstration, sales techniques, and sales control systems.

4

Education and Training

Principles and methods for curriculum and training design, teaching and instruction for individuals and groups, and the measurement of training effects.

5



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Top 10 Required Technology Skills

Object or component oriented development software	
Python	1
C++	8
Business intelligence and data analysis software	
Tableau	2
Analytical or scientific software	
SAS	3
Operating system software	
Linux	4
Spreadsheet software	
Microsoft Excel	5
Enterprise resource planning ERP software	
SAP ERP	6
Internet browser software	
Google	7
Database user interface and query software	
PyTorch	9
Industrial control software	
TensorFlow	9