

Cybersecurity Specialist Job Report

Job Demand

There were 131,000 information security analyst jobs in the US in 2019, according to the Bureau of Labour Statistics; from that year to 2029, they are expected to rise at a rate of 31%. This growth rate exceeds the national average for all occupations by a significant margin. Due to the increase in cyberattacks against businesses and the necessity of data security across all industries, there is a greater demand for cybersecurity experts.

Required Skills

The skills most in demand for a cybersecurity specialist are familiarity with cybersecurity tools and technology, strong problem-solving skills, and the capacity for critical and analytical thought. Knowledge of programming languages like [Python](#), [Java](#), and [C++](#) is also desirable, as are security-related credentials like Certified Information Systems Security Professional ([CISSP](#)) and Certified Ethical Hacker ([CEH](#)).

Average Salary

According to [Payscale](#), the average yearly salary for a cybersecurity analyst in Australia is \$78,589. This is more than the \$71,583.20 average yearly wage for all vocations in the country. The salary for a cybersecurity analyst may vary by industry, by geography, and by factors including years of experience.

Career Progression

The chief information security officer ([CISO](#)), security architect, or manager of cybersecurity are among the jobs that a cybersecurity professional can advance to. As their knowledge and abilities grow, they could be able to transition into employment in risk management, compliance, or privacy.

Industry Trends

A significant market trend is the expanding use of artificial intelligence (AI) and machine learning (ML) in cybersecurity. These technologies are being used to identify and respond to assaults in real-time as well as automate security tasks like threat hunting and incident response. Another trend is that cloud security is becoming more and more important as more firms move their data and apps to the cloud.

Sources:

Bureau of Labor Statistics: <https://www.bls.gov/ooh/computer-and-information-technology/information-security-analysts.htm>

Payscale: https://www.payscale.com/research/AU/Job=Cyber_Security_Analyst/Salary

(ISC)²: <https://www.isc2.org/Certifications/CISSP>

EC-Council: <https://www.eccouncil.org/programs/certified-ethical-hacker-ceh/>