

0: Programming Assignment

3. Do any of your findings surprise you?

Yes, I was surprised by a few of the data that I collected for these jobs. First, I was surprised at how uncommon previous work experience and on-the-job training were in certain job requirements. Out of the nine jobs I collected data for, only Management Analyst and Top Executives required work experience in related occupations. As for on-the-job training, only Physicians/Surgeons and Psychologists contained requirements for this (internship/residency) whereas all other jobs were listed as 'none.' I also found it interesting, although not entirely surprising, that more tech-related jobs (Data Scientist, Software Developers, Quality Assurance Analysts, and Testers) had the largest job outlooks compared to other professions. However, I was surprised that Survey Researcher reported a 0% job outlook and employment change from 2023-33.

4. Rank the jobs you picked from best to worst, and briefly explain why you did so.

1. Data Scientist
2. Software Developers, Quality Assurance Analysts, and Testers
3. Management Analyst
4. Top Executive
5. Psychologist
6. Human Resource Specialist
7. Accountants and Auditors
8. Physicians/Surgeons
9. Survey Researchers

I developed this ranking based on several factors, with the most important being a combination of annual salary and job outlook. Jobs like Data Scientist and Software Developer/Quality Assurance Analysts ranked highest due to their strong earning potential and projected employment growth over the next decade, which aligns with my interest in pursuing a tech-related career. Conversely, I ranked Survey Researchers at the bottom due to their 0% job outlook/employment change, lower salary, and higher educational requirements. The jobs in the middle of my list appeal to me personally, offering reasonable pay and job prospects but also present challenges like long hours, high stress, or lower compensation.