

Employment Analysis of Veterans

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Introduction

One of the most difficult challenges I experienced was when I transitioned from the military to civilian life. From someone who spent majority of their adult lives in the military, it was extremely difficult to maneuver the civilian career field. Does a veteran with a higher education level equate to higher employment opportunities?

Outcome of your EDA

This analysis shows a weak positive correlation between education level and employment count, meaning that education level minimally impacts employment among veterans. Also, a robust linear relationship exists between employment and non-employment counts, indicating that as the employment count increases, non-employment also rises equally. High school graduates have higher employment counts due to their population size, while veterans with college degrees show consistent employment counts. The analysis also indicates that the employment data does not fit an exponential distribution well, suggesting underlying factors like job availability or veteran-specific programs might influence employment.

What do you feel was missed during the analysis?

The analysis will benefit from exploring additional information like career fields in and out of the military, age, higher education degrees, and other detailed information that could provide a more in-depth look into the employment patterns of veterans. From examining these factors, we could get a better understand of the specific skills and experiences that translate to civilian employment opportunities. Also, analyzing differences in employment

outcomes based on military rank, length of service, geographic location, and access to veteran specific job assistance programs might reveal more detailed relationships and challenges that veterans face. Exploring the additional variables could improve the accuracy of my findings and support the development of targeted employment programs for veterans.

Were there any variables you felt could have helped in the analysis?

Variables like military career fields, civilian career fields, age, degree, and access to veteran job assistance programs would have provided a more insight into the employment trends.

Were there any assumptions made you felt were incorrect?

For a long time, I always assumed that having a higher education level would equate to employment success. However, the weak correlation suggests that this might be an oversimplification. There are other factors that have not been explored. The current job market, location, economic conditions, and industry demands are likely to play a significant role in employment outcomes. Also, factors such as work experience, professional networks, and access to resources tailored for veterans could impact job opportunities.

What challenges did you face, what did you not fully understand?

One of the biggest challenges was truly understanding the findings. A more thorough review of all the relevant datasets is needed to uncover the underlying factors involved. Gaining a

deeper understanding of the additional factors may help to identify ways to positively influence veteran's employment rates.

Conclusion

This analysis highlights the complexity of factors influencing veteran's employment success. To gain a deeper understanding, further research is needed to explore the underlying factors that may impact employment success.