**Milestone 3**

For my Milestone 3 I was able to analyze data fully and explore different ways to visualize the data effectively while ensuring that I allocate sufficient time to analyze and present the data in an informative and engaging way. I am excited to continue this project and am determined to meet the remaining milestones within the given timeframe. I made csv file for each dataset but for some reason in Jupyter Notebook it doesn’t look good. I will work on it. By next week, I will have 4 or 5 data visualizations to display and present.

**Questions**

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| **What are some of the most in-demand skills for jobs in the tech industry?**  <https://www.linkedin.com/business/talent/blog/talent-strategy/linkedin-most-in-demand-hard-and-soft-skills>   |  |  | | --- | --- | | 1. Software development  2. SQL  3. Finance  4. Python  5. Java  6. Data analysis  7. JavaScript  8. Cloud computing  9. Operations  10. Customer relationship management | 1. Management  2. Communication  3. Customer service  4. Leadership  5. Sales  6. Project management  7. Research  8. Analytical skills  9. Marketing  10. Teamwork |   *LinkedIn:* The data from LinkedIn on the most in-demand skills for jobs in the tech industry is reliable and valuable, as it is based on six months of data from employers, hirers, and job-posters on LinkedIn. The methodology used to identify in-demand hard and soft skills is transparent and well-documented. |
| **Which cities have the highest concentration of tech jobs?**  <https://www.comptia.org/content/research/best-tech-cities-it-jobs>  <https://www.itcareerfinder.com/brain-food/blog/entry/the-best-cities-for-tech-jobs.html>  *According to the U.S. Bureau of Labor Statistics (BLS), tech occupations are projected to grow 15% between 2021 and 2031, much faster than the average for all occupations. Over the decade, this should result in about 682,800 new tech jobs.*  *CompTIA and BLS*: The data from CompTIA and BLS on the cities with the highest concentration of tech jobs and the most common majors for tech industry workers, respectively, are both reliable and valuable. The data is based on location quotient data from Emsi Burning Glass and projections from the U.S. Bureau of Labor Statistics, which are well-established and respected sources of employment data. |
| **What are some of the most common majors for tech industry workers?**  <https://www.herzing.edu/types/it-degrees>  *Herzing University:* The data from Herzing University on the most common majors for tech industry workers is valuable and reliable, as it is derived from the *U.S. Bureau of Labor Statistics* and is presented in a clear and accessible format. |
| **What are some of the biggest challenges facing the tech industry in the coming years?**  <https://connect.comptia.org/blog/top-10-challenges-facing-technology>  <https://osmi.typeform.com/report/Fja7Jb9K/t5F4sKEyeGhGgU7V>  <https://www.zippia.com/advice/tech-industry-statistics/>  *OSMI Mental Health in Tech Survey*: The data from OSMI Mental Health in Tech Survey on the biggest challenges facing the tech industry is reliable and valuable, as it provides insights into the mental health and well-being of tech industry workers, an important and often overlooked aspect of the industry.  *Zippia:* The data from Zippia on various statistics related to the tech industry, including the fastest-growing tech jobs, average salaries, and job satisfaction rates, is reliable and valuable. The methodology used to collect and analyze the data is transparent and the data is recent and relevant. |