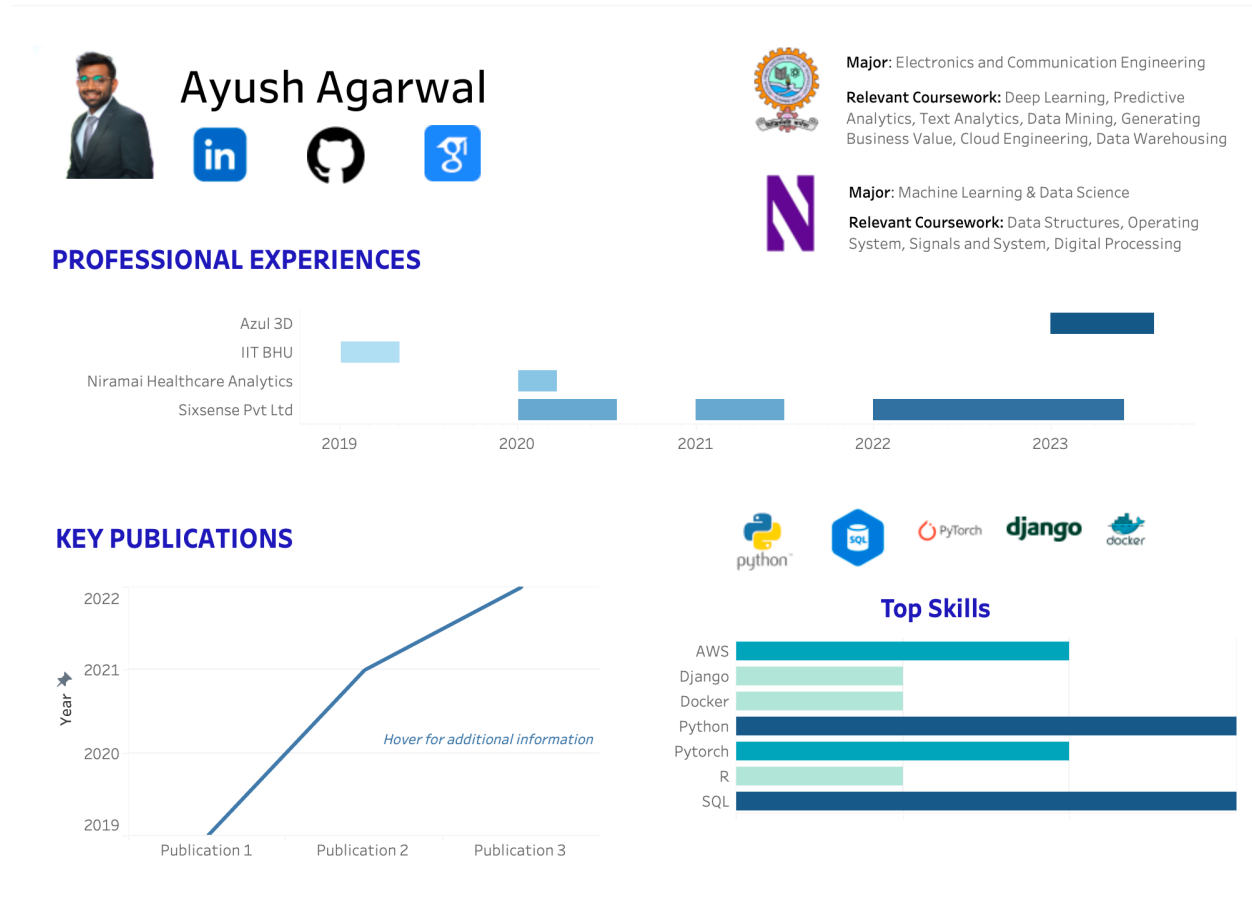


Assignment #4: Create Your Resume in Tableau

Ayush Agarwal

1) Resume Created (Attached Tableau as well)



2) Explanations

a. why the graph type(s) that you used is/are relevant?

Ans: The resume utilizes a horizontal bar graph to represent work experience and a bar chart to showcase top skills. These graph types are relevant because they allow for quick comparison of the duration of employment across different companies and the proficiency level in various skills. The horizontal layout of the work experience graph clearly shows the timeline and length of each role, which is intuitive for the reader to follow. The skills bar chart provides a visual

representation of expertise, making it easier for potential employers to assess the candidate's strengths at a glance.

b. what job types you are planning to apply for using this resume?

Ans: With the skills and experience outlined in my Tableau resume, I am planning to apply for roles primarily in the fields of Machine Learning, Data Science, Artificial Intelligence (AI), and Data Analysis. My educational background, with majors in Electronics and Communication Engineering as well as Machine Learning & Data Science, combined with relevant coursework in areas such as Deep Learning, Predictive Analytics, and Text Analytics, positions me well for these types of roles.

The technical skills I've highlighted, including proficiency in Python, PyTorch, Django, and SQL, are essential for positions in these domains. My work experience at companies like Niramai Healthcare Analytics and projects at IIT BHU further demonstrate my practical application of these skills. The visualization of my resume in Tableau itself showcases my ability to analyze and present data effectively, which is a critical component of the job types I am targeting.

c. how your visualization incorporates the lessons in this class?

Ans: My Tableau resume visualization incorporates the lessons from the class by adhering to the principles of 3C—Clean, Clear, and Concise—and Chunking, which are essential for effective data presentation.

- **Clean:** The layout of the resume is uncluttered, with ample white space and a clean design that avoids any unnecessary elements that could distract from the main information. The use of a consistent color scheme and simple icons for technical skills ensures that the visualization remains aesthetically pleasing and easy to navigate.
- **Clear:** The information is presented in a way that is immediately understandable. For example, the horizontal bars for work experience are intuitively arranged in chronological order, making it clear how my career has progressed over time. The skills section uses bar charts to clearly indicate proficiency levels, and the use of logos helps to quickly identify different technologies and tools.
- **Concise:** The visualization conveys the most important information without overloading the viewer with details. It focuses on the key aspects of my professional profile, such as work experience, education, and top skills, providing a snapshot that can be quickly absorbed by the reader.

- **Chunking:** The resume is organized into distinct sections or "chunks" of information, which helps in processing and retaining the information presented. Each section—work experience, education, and skills—is clearly delineated, allowing the viewer to focus on one part of the resume at a time without being overwhelmed.

By applying these principles, my visualization effectively communicates my qualifications and suitability for roles in Machine Learning, Data Science, AI, and Data Analysis, while also demonstrating my ability to present data in a manner that is both engaging and informative.

d. **what you learned in the process?**

Ans: Throughout the process of creating my resume in Tableau, I learned several valuable lessons about data visualization from a student's perspective. Firstly, I gained a deeper understanding of the importance of selecting the right type of graph to convey information effectively. For instance, using horizontal bars for my work experience allowed me to depict the timeline of my professional journey in a clear and straightforward manner.

I also learned the significance of visual hierarchy and layout in making a resume easy to scan and interpret. By organizing my work experience, education, and skills into distinct sections, I was able to guide the viewer's eye through the content logically and efficiently.

Another key lesson was the power of color and iconography in enhancing comprehension and retention of information. By using a consistent color scheme and recognizable icons for different programming languages and tools, I made the resume more visually appealing and easier to remember.

Furthermore, I learned to balance detail with simplicity. It was crucial to include enough information to showcase my qualifications without overwhelming the viewer with too much data. This meant being selective about what to include and how to present it, ensuring that every element on the resume served a purpose.