# **Pave Your Pathway: Data Analysis & Visualization Checklist**

Employer Competitive candidates are clear on their career desires and their job requirements. This clarity of thought comes through in interviews when Employer Competitive candidates clearly articulate why they believe a job is a perfect fit for them. We start by asking you to describe the job you are looking for. Then, self-assess your personalized soft and hard skill proficiencies. From there, you can communicate your passions and interests as they relate to your pathway.

Use this guide to help you think about what you want so that you are easily able to narrow your job search as needed. This should be a living document -- as you progress throughout the boot camp, your interests may change, so make changes here accordingly. Feel free to create additional rows and indicate your preferences in the guide below.

In the Skills Assessment section, differentiate your skills needed vs. mastered for desired role/s.

*(Check the boxes below for PC users by**right clicking the box> choosing the check mark symbol* ***/*** *Highlight or mark appropriately for MAC users.)*

**WHY DATA ANALYSIS & VISUALIZATION?**

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| **Reasons** | **Interests/Drives/Motivation** |
| 1. ***A recession proof job*** | 1. ***Always learning something new*** |
| 1. ***Complex, extensive, and rewarding*** | ***2) It is a skill that can always be improved*** |
| 1. ***Competitive pay and opportunities*** | ***3) Not easy*** |
| 1. ***High Demand Skills*** | ***4) Allows room for creativity*** |
| 1. ***High mobility rate*** | ***5) Computer based*** |
| 1. ***Remote possibility*** | ***6) Computer language overlap*** |
| 1. ***Location*** | ***7) Not the navy*** |

**OVERVIEW OF INTERESTS**

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| **Questions to Consider:** | **Preferences:** |
| [**Data Entry Level**](http://bit.ly/DataPaths)**-** Which interests you the most? *Remember to be mindful of certification and skill requirements.* | * **Junior Analyst** * **Data Analyst** * **Data Engineer** * **Software Developer** * **Other** |
| [**Data Mid-Level**](http://bit.ly/DataPaths)**-** Which interests you the most? *Remember to be mindful of certification and skill requirements.* | * **Application Architect** * **Web Architect** * **Business Intelligence Developer** * **Data Scientist** * **Big Data Developer** * **Infrastructure Architect** * **Machine Learning Engineer** * **Other** |
| [**Data Senior Level-**](http://bit.ly/DataPaths)Which interests you the most? *Remember to be mindful of certification and skill requirements.* | * **Director of Data Science** * **Principal Architect** * **Data Program Manager** * **Other** |
| **Location—** How far away from your current home are you willing to commute? Which cities are your preferences? | * **Location of Office** * **Option of Remote Work** * **Relocation Package** * **Reimbursement**   + **Train/bus/transit/parking** |
| **Travel—** Do you have travel restrictions? | * **Reimbursement**   + **Airfare/Luggage**   + **Hotel**   + **Food**   + **Transportation** |
| **Hours—** Do you need flexible hours or prefer set hours? Required meeting days/times? | * **Set Hours** * **Flexible Hours** |
| [**Compensation**](https://www.indeed.com/salaries) **& Benefits—** What are your requirements? What kinds of benefits do you need to have? What would be nice to have? | * **Full-Time** * **Part-Time** * **Insurance**   + **Health/Dental/Vision**   + **Disability**   + **Life** * **Retirement Plan** * **Stock Options** * **Financial Assistance** * **Annual Review**   + **Bonus** * **Time Off:**   + **Paid Time Off / Vacation**   + **Sick**   + **Family Leave** * **Onsite Childcare** * **Tuition Reimbursement** * **Other Benefits/Discounts**   + **Health Club**   + **Mobile Discount** |
| **Industries—** What industries are you interested in working with? (e.g. healthcare, retail, any industry) | * **Consulting/Business/Professional Services** * **Education** * **Entertainment/Recreation** * **Healthcare** * **Information Systems** * **Federal/Government** * **Financial/Real Estate** * **Oil/Gas** * **Retail** * **Other** |
| **Work Environment—** Small and entrepreneurial? Large corporation with established procedures? Growth company with fast-paced environment? | * **Start-Up** * **Small Company** * **Large Corporation** * **Responsible for Direct Report/s** * **Other** |
| **Future Goals-** Where do you see yourself in 3 years, 5 years, 10 years, etc.? What role do you want to end your career in? What roles/ experience will help you get there? | * **1 year: To be employed in my career field** * **3 years: To be a leader in my career field** * **5 years: To be a master/specialized in my field** * **10 years: To be a boss/man in charge** |

**SKILLS ASSESSMENT**

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| **Transferable Skills** | **“Field-Specific” Data Skills** |
| * Attention- to- Detail * Business-Driven Solutions * Collaboration * Critical Thinker * Data-Driven * Organized/Meets Deadlines * Problem - Solver * Project Management * Quality Assurance * Self-Development Driven * Strong Oral/Written Communication & /Presentation Skills | * Advanced Microsoft Excel * Big Data Analytics * Business Intelligence Software * Databases & Management: SQL/NoSQL * Data Mining & Warehousing * Fundamental Statistics * Front-End Web Data Visualization + Geomapping * Machine Learning * R, Python Programming |

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| **Additional Skills or Requirements to consider?** |
| **In a Masters Program from Oregon State for Data Analytics. Would take just about any job as long as it was decent pay and decent hours, but at this point I am not picky. Will take just about anything.** |

**JOB SEARCH NOTES**

* Do you want to continue using your previous skills/knowledge, degree, or experience in your new role?
* Do you want to manage other people?
* What do you want your day-to-day work to look like?
* For a specific job, do you need to get a certification, build new projects, strengthen your skills, talk to someone in the role/s to get a better idea of what the work/qualifications look like?

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| **Job Title** | **Research Notes** | **Resources/Links** |
| **Operations and Accounting Data Center Analyst** | -incorporates all our new skills from this boot camp, which is what I am looking for. Additionally, working for a company like google would be a dream. Working side by side with some of the world’s brightest minds, sounds great. | <https://careers.google.com/jobs/results/76073475879379654-operations-and-accounting-data-center-analyst/?company=Google&jlo=en_US&q=%22data%20center%2a%22%20&utm_campaign=google_jobs_apply&utm_medium=organic&utm_source=google_jobs_apply> |
| **Director of Architecture - Consumer Data Analytics** | -A job that would really get me up in the morning. Digging through data, finding customer service patterns, this would be another amazing job I would love to be able to get. | <https://www.glassdoor.com/job-listing/director-of-architecture-consumer-data-analytics-nike-JV_IC1151576_KO0,48_KE49,53.htm?jl=3612543755&pos=101&ao=1021105&s=21&guid=000001734f7af1988822f193d2d857a7&src=GD_JOB_AD&ei=1699&t=ESR&extid=2&exst=EOL&ist=&ast=EOL&vt=w&slr=true&cs=1_cb6e980d&cb=1594766325063&jobListingId=3612543755&ctt=1594766333769&srs=EI_JOBS> |
| **Front-End Engineer** | This one is for amazon. The job title is the main reason I went for this position. It seems to align with the skills we learned in class. | <https://www.glassdoor.com/job-listing/front-end-engineer-amazon-JV_IC1151614_KO0,18_KE19,25.htm?jl=3566041093&utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic> |
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