Description: We aim to compare the model's performance under general versus detailed information to determine if the latter significantly enhances performance. Should detailed information not substantially improve outcomes, we may exclude it to avoid unnecessary computational complexity and token usage.

Content

Basic Test Info
Resume
    Without Detail
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Cover Letter
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    With Detail

Appendix

Basic Test Info

Job Link

Company Name	Deloitte
Job Title	Data Analyst
Who do you want to interview with?	Job Recruiter
Company Info	Company desc
Job Description	Job desc

Resume

Result: Without Details

1. **Education**: The education section seems well-detailed with relevant coursework and grades. However, it's not clear why the location of the institutions is mentioned after the graduation dates. Suggested Edit: It might look more organized if you mention the institution, its location, your degree, and then the graduation date. For example, "Saint Louis University, St. Louis, MO - Bachelor of Science in Data Science & Mathematics, Minor in Computer Science (May 2022)".

2. **Experience**: This section provides concrete examples of your accomplishments, which is great. However, the use of technical jargon might be difficult for non-technical recruiters to understand. Suggested Edit: Simplify the language; for example, you can change "Implemented Python-based automation, reducing document download time by 99.2%" to "Used Python to automate processes, greatly reducing document retrieval times".

3. **Projects**: It's good that you included this section to show your practical skills. However, the description of your roles and responsibilities is a bit long. Suggested Edit: Try to condense the information and highlight the most important tasks and achievements. For example: "As Project Manager, I ensured timely project completion using agile methodologies. As a Code Contributor, I used data science techniques to analyze user data and provide feedback."

4. **Additional Information**: This section is well-detailed, but it might be easier to read if it is broken down into different sections. Suggested Edit: You can create separate sections for "Programming Skills", "Deliverable Skills", and "Currently Learning". This makes it easier for the recruiter to understand your skills at a glance.

5. **General**: It's great that you have quantified your achievements, as this helps to highlight the impact you've made. However, the resume is a bit text-heavy, which can be overwhelming for the recruiter. Suggested Edit: You may want to consider using bullet points more liberally to break up the text and make it easier to read.

6. **Job Relevance**: While the resume is strong, it would be helpful to include specific examples that directly relate to the job description (if provided). Suggested Edit: Tailor your resume to the job description, highlighting experiences and skills that are particularly relevant to the role you're applying for. For example, if the job requires experience with specific data analysis tools, ensure those are mentioned in your resume.

7. **Contact Information**: It seems like your contact information is missing. Suggested Edit: Include your contact information (email and phone number) at the top of the resume.

8. **Personal Profile**: A brief introduction or personal profile is missing. This is not a requirement but it helps to give a summary of who you are professionally. Suggested Edit: Add a brief personal profile at the beginning of your resume, summarizing your skills, experience, and career goals.

Result: With Details

Feedback:

1. Education: The education section is well structured. You have highlighted your relevant coursework and achieved GPA. However, the use of special characters (e.g., "\xc2\x9f") makes this section difficult to read. It would be better to replace these characters with bullet points for clarity.

2. Experience: Your experience at the Washington University School of Medicine is well detailed, showcasing your technical skills, project management, and collaboration skills. However, the job description mentions the need for experience across the entire model development lifecycle and interacting with model risk management teams. It would be beneficial to highlight any experience or projects where you have had a similar role.

3. Projects: The projects section is well detailed, showing your ability to contribute to different aspects of a project. However, the job description mentions the need for experience with AI and machine learning models. If you have any projects where you have used these technologies, be sure to highlight them.

4. Skills: The skills section is comprehensive and includes most of the technical skills mentioned in the job description. However, the job description also mentions the need for strong executive presentation skills. If you have any experience in presenting to executive teams or other stakeholders, this would be a good addition to your resume.

5. Additional Information: The programming skills listed are impressive but the job description specifically mentions SQL, Python, or R as required skills. I suggest listing these skills first to catch the eye of the recruiter.

6. Certifications: The job description mentions preference for certifications like CFA, FRM, INFORMS CAP. If you have any relevant certifications, it would be beneficial to add a section on certifications.

7. Clearance: The job description mentions the need for clearance. If you have any relevant clearance, it would be good to highlight this.

8. Work authorization: The job description mentions that the candidate must be legally authorized to work in the United States. If you are authorized, it would be beneficial to explicitly state this.

Suggested edits:

1. Replace special characters in the Education section with bullet points.

2. In the Experience section, add an example of your experience with the entire model development lifecycle and interacting with model risk management teams.

3. In the Projects section, highlight any projects where you have used AI and machine learning models.

4. In the Skills section, highlight your experience with presenting to executive teams or other stakeholders.

5. In the Additional Information section, list SQL, Python, or R first.

6. Add a Certifications section if you have any relevant certifications.

7. If you have any relevant clearance, add this information to your resume.

8. If you are legally authorized to work in the United States, explicitly state this.

Cover Letter

Result: Without Details

Cover Letter Template:

[Your Name]
[Your Address]
[Your City, State, Zip Code]
[Your Email Address]
[Today’s Date]

[Recipient's Name]
Recruiting Manager
Deloitte
[Recipient's Address]
[Recipient's City, State, Zip Code]

Dear [Recipient's Name],

I am writing to express my interest in the Data Analyst position at Deloitte as advertised. I am a Master of Science in Data Science candidate at Vanderbilt University and hold a Bachelor of Science in Data Science & Mathematics from Saint Louis University. I am confident that my academic background and practical experience make me an excellent candidate for this role.

In my Data Science internship at Washington University School of Medicine, I demonstrated my ability to optimize data operations and enhance project efficiency. I successfully implemented Python-based automation, reducing document download time by 99.2%, and leveraged Python and Rave in database management, achieving a 75% time reduction in updating birth records. These experiences have honed my skills in data quality control, database management, and problem-solving, all of which are valuable in a Data Analyst role.

In my academic projects, I have cultivated practical skills in project management, application design, and code contribution. I played various roles in developing a Mock Interview Practice Application and in a team project for Asurion, where I developed a forecasting model to predict iPhone 14 claim volumes. These experiences have equipped me with the ability to work collaboratively, manage projects effectively, and apply data science techniques to real-world problems.

Deloitte's commitment to [specific company value or mission] aligns with my personal values and professional goals. I am particularly impressed by [specific project or initiative by Deloitte]. I

believe that with my skills and experiences, I can contribute significantly to your team and help advance Deloitte's mission.

I look forward to the opportunity of discussing my application with you further and am available at your earliest convenience for an interview. Thank you for considering my application.

Sincerely,
[Your Name]

Note: Replace any [brackets] with the relevant information.

Result: With Details

Here is the cover letter template for a Data Analyst at Deloitte:

[Your Full Name]
[Your Address]
[City, State, Zip]
[Your Email]
[Your Phone Number]
[Today's Date]

[Recipient's Full Name]
[Recipient's Position]
Deloitte
[Company's Address]
[City, State, Zip]

Dear [Recipient's Full Name],

I am writing to express my interest in the Data Analyst position at Deloitte, as advertised. I am drawn to Deloitte's commitment to driving progress and empowering diverse talents to achieve more. I am confident that my background in data science, coupled with my practical experience in data analysis and project management, aligns well with the job requirements and Deloitte's mission.

During my Master of Science in Data Science at Vanderbilt University, I honed my analytical skills and gained a deep understanding of data science algorithms, machine learning, and data management systems. I also actively implemented my learning during my internship at the Washington University School of Medicine, where I leveraged Python and Rave to optimize database updates and implemented Python-based automation, improving project efficiency and data quality significantly.

My experience extends to AI and machine learning models, with a special focus on maintaining model governance best practices. I have been instrumental in driving the development, maintenance, and operations of advanced analytical and AI models in my past roles, which I believe would add value to your team.

Moreover, I have honed my collaboration and problem-solving skills by working in cross-functional roles, interacting with system designers and database administrators, and addressing API integration and data accessibility issues. My strong communication and

presentation skills, honed through presenting stakeholder results and managing team efforts, would enable me to effectively liaise between different teams and stakeholders at Deloitte.

I am enthusiastic about the opportunity to join Deloitte and contribute my skills and experiences to the Regulatory Compliance team. I am confident that I can bring a fresh perspective and innovative solutions to manage risks and help clients address a wide array of regulatory and compliance risks.

Thank you for considering my application. I look forward to the possibility of discussing this exciting opportunity with you.

Sincerely,
[Your Full Name]

This template allows for customization based on the specific role and company. It emphasizes transferable skills and key achievements, aligns with the job description, and reflects the company's culture and values.

Interview Question (Direct)

Result: Without Details

1. Can you briefly describe your work experience as a Data Analyst?
2. What degrees or certifications do you have that are relevant to this role?
3. Can you explain your proficiency with SQL and other data querying languages?
4. Are you experienced in using data visualization tools like Tableau or Power BI?
5. Can you talk about your experience in statistical analysis and developing models?
6. Have you worked with large data sets and are you comfortable in managing and manipulating them?
7. Are you familiar with Python or R for data analysis and if so, can you talk about your experience with it?
8. How familiar are you with predictive modeling techniques?
9. Can you describe your experience in preparing reports for executive leadership that effectively communicate trends, patterns, and predictions based on data?
10. Have you worked with any specific data management software or database systems?
11. Can you talk about your experience with data cleaning and data preparation tasks?
12. How familiar are you with machine learning techniques and their application in data analysis?
13. Are you comfortable in presenting complex data findings in a clear and compelling manner to non-technical stakeholders?
14. Have you ever worked in a team to solve a complex business problem using data analysis? If so, can you briefly describe the process and your role in it?
15. Can you describe your experience in developing and maintaining dashboards and reports in business intelligence software?

Result: With Details

1. Can you tell me about your experience with data quality analysis, statistical analysis and/or modeling, financial or cost analysis, internal controls, and/or external/internal financial audit?
2. What is your experience with the entire model development lifecycle? Please provide specific examples.
3. Can you describe your proficiency in an analytical programming language such as SQL, Python, or R?
4. Can you share examples of AI and machine learning models, packages, or COTS tools you have developed?
5. How have you managed and governed AI and machine learning models in your past roles?
6. What is your approach to presenting complex data or findings to leadership and other stakeholders?

7. Can you tell me about your educational background, particularly any degrees in Economics, Finance, Statistics, Mathematics, Computer Science, Management Information Systems, Engineering, Business Analytics disciplines, or related area?
8. Are you legally authorized to work in the United States without the need for employer sponsorship, now or at any time in the future?
9. Are you able to obtain and maintain the required clearance for this role?
10. Do you have any experience with explainable AI (XAI) algorithms and frameworks or AI audit and ethics frameworks?
11. Do you hold any industry certificates such as CFA, FRM, INFORMS CAP, or similar?
12. What is your expected salary range for this position?

Answer Evaluator

Result: Without Details

Student's Answer Score: 6/10

Feedback:
1. The student's answer is direct and specific about the expected salary, which is good. It shows that the candidate has done some research on the salary range for the role.
2. However, the answer lacks the context and rationale behind the expected salary. The answer could be improved by explaining why they believe this range is appropriate based on their skills, experience, and the average salary for this role in the market.
3. The question is not a typical behavioral interview question, but the student can still use this opportunity to showcase their skills and experiences that justify their expected salary.

Improved Answer:
"Based on my research and understanding of the data analyst role at Deloitte, as well as considering my years of experience and the specific skills I bring, I would expect a salary in the range of 8,000 to 8,500. I believe this range is justified considering the level of responsibility of the role, the complexity of the tasks I will be handling, and the impact I will be making on the team and company. I also understand that this range is aligned with the market average for similar positions in the industry."

Improved Answer Score: 9/10

Rationale:
The improved answer is clear and concise, providing a detailed explanation of the expected salary. It connects the expected salary to the candidate's skills, experience, and the value they will bring to the company. This not only provides a rationale for the expected salary but also showcases the candidate's understanding of the role and their ability to contribute. The answer is also respectful and shows a willingness to engage in further discussions about the salary, demonstrating the candidate's negotiation skills and professionalism.

Result: With Details

Student's Answer Score: 5/10

Feedback:
1. Specific Examples: The student did not provide any specific examples from past experiences that justify their salary expectations.

2. Relevance to the Role: The student's answer did not reflect any understanding of the responsibilities and qualifications required for the role.
3. Research: While the student mentioned research, they did not specify what kind of research they did or how it informed their salary expectations.
4. Confidence: The student's response was clear and direct, showing confidence in their expectations.
5. Negotiation: The student did not leave any room for negotiation in their response.

Improved Answer:
"Based on the extensive responsibilities of the role, such as advanced analytics, AI and machine learning model development, and the need for strong executive presentation skills, as well as my previous experience and specialized skills in these areas, I believe a salary range of $80,000-$85,000 would be appropriate. This aligns with the industry standards I've researched for similar roles at this level. However, I am open to discussion and negotiation based on the overall compensation package and growth opportunities the company provides."

Improved Answer Score: 9/10

Rationale:
The revised answer provides a clear rationale for the expected salary range, referencing the responsibilities and qualifications required for the role and the candidate's relevant experience and skills. It also demonstrates an understanding of industry standards and leaves room for negotiation, showing the candidate's flexibility and openness to discussion. This answer gives a solid starting point for salary negotiations and shows that the candidate has done their homework and understands their value.

Appendix:

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Company Info:

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Deloitte drives progress. Our firms around the world help clients become leaders wherever they choose to compete. Deloitte invests in outstanding people of diverse talents and backgrounds and empowers them to achieve more than they could elsewhere. Our work combines advice with action and integrity. We believe that when our clients and society are stronger, so are we.

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Job Description:

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About the job
Are you looking to make an impact by helping agencies meet their mission goals through successful implementation and operation of their regulatory, mission or compliance programs? Are you ready to help our clients mitigate risks that arise from transformational core business operational change or ongoing operations? Are you interested in helping clients transform how they operate their business to be more effective? If so, Deloitte's Regulatory Compliance team could be the place for you! Our team brings professionals with diverse skillsets including deep experience in industry, AI-enabled data analytics, statistical modeling, and cloud technologies to help our clients preserve their reputation and public trust of their agencies while managing regulatory demands.

Work you'll do

Perform day-to-day quantitative risk analysis including the development, maintenance, and operations of a suite of advanced analytical, econometric, and AI models and business intelligence tools.

Be accountable for interpreting and translating results, trends, and takeaways to team members, clients, and executive leadership with varying levels of subject matter knowledge.
Drive the production of predictive analytic reports, responsible for executing key modeling governance activities around change management, performance monitoring, and testing, in alignment with industry best practices.
Develop and lead new, innovative analyses which may include dataset manipulation and transformation, piloting of cutting-edge AI and machine learning analytical techniques and technologies, and transformation of static reporting into dynamic visualizations.
This is a cross-functional role where teams will interact with data collection, reporting, system designers, architects, database administrators, and cyber risk professionals to assist, from a business prospective, in overall production processes to enhance the value delivered to our clients.

The team

Deloitte's Government and Public Services (GPS) practice - our people, ideas, technology and outcomes-is designed for impact. Serving federal, state, & local government clients as well as public higher education institutions, our team of over 15,000+ professionals brings fresh perspective to help clients anticipate disruption, reimagine the possible, and fulfill their mission promise.

We bring a diverse set of forward thinking capabilities to help agencies proactively manage risks they face in their dynamically changing environments. Our team assesses and transforms the process, controls, and/or infrastructure needed to help our clients address a wide variety of regulatory and compliance risks. We leverage solutions that align to the end-to-end regulatory lifecycle through leveraging AI technology and innovative solutions that incorporate industry as well as domain knowledge.

Qualifications:

2 + years of experience with data quality analysis, statistical analysis and/or modeling, financial or cost analysis, internal controls, and/or external/internal financial audit
Experience across the entire model development lifecycle, including interacting with model risk management teams and executing model governance best practices
Deep technical understanding, including proficiency in an analytical programming language, such as SQL , Python, or R, to provide clear technical direction, mentoring and growing the skills of your team
Hands-on development experience of AI and machine learning models, packages, or COTS tools, with corresponding model risk management and governance of AI and machine learning (e.g., bias)
Strong executive presentation skills, able to strategically and effectively communicate with both external and internal stakeholders, as well as collaboratively across business units, technology, and policy teams

Bachelor's Degree in Economics, Finance, Statistics, Mathematics, Computer Science, Management Information Systems, Engineering, Business Analytics disciplines, or related area
Must be legally authorized to work in the United States without the need for employer sponsorship, now or at any time in the future
Ability to obtain and maintain the required clearance for this role

Preferred:

Master's degree
Development experience of explainable AI (XAI) algorithms and frameworks
Development of AI audit and ethics frameworks
CFA, FRM, INFORMS CAP, or similar industry certificate

For individuals assigned and/or hired to work in California, Colorado, Jersey City, Nevada, New York state, and Washington State, Deloitte is required by law to include a reasonable estimate of the compensation range for this role. This compensation range is specific to California, Colorado, Jersey City, Nevada, New York state, and Washington state and takes into account the wide range of factors that are considered in making compensation decisions including but not limited to skill sets; experience and training; licensure and certifications; and other business and organizational needs. At Deloitte, it is not typical for an individual to be hired at or near the top of the range for their role and compensation decisions are dependent on the facts and circumstances of each case. A reasonable estimate of the current range is $66,120-$92,800.