

Interview Questions for: Research Data Scientist

Candidate Nam	e:	Date:	
Interviewer:		Requisition #:	34394667
Introductions			
Jennifer	<ul> <li>Welcome and brief introduction</li> <li>Explain that we will first introduce the search committee, ask 7 questions, and provide an open Will add questions in chat</li> <li>We will also discuss next steps at the conclusion</li> </ul>	oportunity to ask	questions at the end
Committee Introductions	Each member of the committee will introduce themselves: Ray, Zhiwu, Israel, Brendon		

Inter	Interview Questions		
#	Assigned to	Question	Comments
1	Ray	Please describe a challenging research dataset you've worked with and how you approached cleaning, analyzing, visualizing and/or finding further insights with AI/data science methods. What methods did you use to ensure the insights were accessible to researchers from various backgrounds?"  Can you walk us through a specific insight or discovery that emerged from your data analysis process?	

Research Data Scientist

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2	Brendon	How do you stay current with emerging Data Science and AI technologies? How would you evaluate which ones are appropriate to implement and/or demonstrate or explore in an academic research setting? Please provide specific examples.	
		What resources or professional networks do you rely on to stay informed about emerging technologies?	
3	Jennifer	Tell us about a time when you had to explain complex data science concepts to someone without technical expertise. How did you ensure they understood the implications for their research?	
		What communication strategies do you find most effective when translating technical concepts to non-technical audiences?	
4	Zhiwu	What is your approach when a researcher (faculty, graduate student or staff) comes to you with a vague data-related problem? Walk us through your process for helping them clarify their needs and develop a solution with data visualization or AI.	
		How do you build rapport and trust with researchers to encourage open and clear communication?	

5	Israel	How do you balance the need for innovation and efficiency with data privacy and ethical considerations in an academic research environment?  Can you provide a specific example of how you've navigated an ethical challenge in data science?
6	Ray	What major data science/Al tools, frameworks, technology stacks or environments do you have experience with? Rate your expertise in each on a scale of 1-5, with 1 being novice and 5 being expert. Speak about major projects and main toolsets used.  Can you describe a project where you had to learn a new tool or technology quickly? How do you decide which tools are most appropriate for a specific research project?
7	Brendon	What is your vision for working with research academics, graduate students and staff to enable their data and research? Speak about possibilities for developing and marketing a program serving UCR research through helping bring discovery, insights and possibilities to research through AI and data methods.  How would you measure the success of a research support program? What strategies would you use to make such a program inclusive and accessible to researchers across different disciplines?

8	Jennifer	Is there anything else you would like to add? Do you have any questions for us?	

Next Steps		
Jennifer	This concludes our interview. Explain the next steps in the recruitment process.	
Comments		