

1. What is your full name? What is your major? Are you an undergraduate or a graduate student? What is your current GPA?

-> My full name is Sheroz Shaikh. I'm an International graduate student enrolled in Data Science for this fall.

2. Have you done any projects related to AI before?

-> I do have experience working on NLP Projects as I've served in a few companies in my home country (India). In my last company, we worked in the e-commerce/retail domain so the project dealt with taxonomy creation, classification of products based on given taxonomy using product descriptions, image tagging, document classification, image manipulation, etc. I've mostly worked on data processing, building machine learning pipelines majorly supervised setup.

3. Which problem domains (e.g., Transportation, Healthcare, Education, Entertainment, Finance, Business, etc., to name a few) are you interested in your group project assignment? Please give me the top two domains that you are interested in the most.

-> Healthcare and Entertainment would be my top two domains.

4. Which types of datasets (e.g., Text, Video, Audio, Image, Tabular, Graph, etc., to name a few) are you interested in your group project assignment? Please give me the top two data types that you are interested in the most.

-> Text and Image would be my top two picks for group project assignments.

5. Have you taken any courses related to AI, for example, math models, data structures, algorithms, logic, machine/deep learning, natural language processing, computer vision, etc.?

-> I did some audit courses from online websites while I was working. Currently, I'm enrolled in Artificial Intelligence, Deep Learning, Knowledge Discovery and Data Mining and Information Retrieval and all these courses are a mix of math models involving logic building and algorithms. I have a few years of experience working on natural language processing projects. I would rate it as "Strong".

6. Do you know Python programming?

-> Yes, I do know Python programming and I would rate it as "Strong".

7. Do you know any desktop or web application programming?

-> I loosely worked on web application programming so I would rate it as "Marginally Strong".

8. Have you applied any existing approaches, such as math models, data structures, algorithms, logic, machine/deep learning, natural language processing, computer vision, etc., in your work or courses before to solve a real-world problem?

-> Yes, I've applied some of the advanced SOTA models while working with my employer and I would rate them as "Strong". Yes, I would prefer to apply the existing approaches to solve a real-world problem.

9. Have you developed any novel/advanced methodologies, including mathematical/data models, computational algorithms, system architectures, etc., in your work or courses before to solve a real-world problem?

-> "None"

10. If your answers for Q8 and Q9 are ALL yes, what is your preference for your group project assignment, i.e., applying any existing approaches or developing any novel/advanced methodologies, to solve a real-world problem, or else please type "No Preference"?

-> "No Preference"