Data Mining – Project Checkpoint Questions:

1. Can you describe the specific goals and objectives of your project, and have they evolved or changed since the start of the project?
2. What tools or technologies are you using to perform data analysis and modeling in your project, and why did you choose them?
3. How are you handling missing or incomplete data in your dataset, and what techniques have you applied for data imputation or cleansing?
4. Can you provide insights into the feature engineering process you've undertaken? What features have you generated, and how have they impacted your modeling?
5. Are there any unique challenges or ethical considerations related to your dataset or project that you've encountered, and how have you addressed them?
6. How do you plan to evaluate the performance of your machine learning model(s)? What metrics are you using, and why?
7. Have you encountered any unexpected or interesting patterns or insights during the data exploration phase that have influenced your project's direction?
8. What is your plan for model selection and tuning? How do you intend to optimize the performance of your models?
9. What are your timelines for completing different phases of the project, including data collection, analysis, modeling, and final presentation or report submission?
10. How are you collaborating with your team members on this project, and what communication tools or strategies have you found most effective?
11. Are there any additional resources or support you require to successfully complete your project, such as access to specific datasets, software, or hardware?
12. Have you faced any unexpected challenges or setbacks that have affected your project's progress, and how are you planning to mitigate or overcome them?
13. What have you learned or gained from the project experience so far, and how will it contribute to your future data mining and machine learning endeavors?