Q-1 Why is it important for a company to identify the volume of data to be imported?
Ans- To optimize the import process.

Q-2 What is the first step you need to do while importing data for analysis?
Ans - define the objective.

Q-3 Which is a suitable source of data for a study on the effects of air pollution on human health ?
Ans- Air quality monitoring systems.

Q-4 Assume that you want to import and store data on employee salaries and performance ratings, which is the best method to acquire and store the data?
Ans- Pulling data from a cloud database.

Q-5 Consider that the marketing department of a company want to import data on customer demographics and purchasing habits. Which option denote3s an example of a key var
Ans- Customer's age and gender.

Q-6 What is the purpose of populating meta data for imported data?
Ans- To provide a description of each column

Q-1) What should be done if a client requests a change in the project scope that might impact the timeline and cost?

Ans- Set clear expectations and communicate regularly.

Q-2) What is the most effective way for a client to communicate their requirement to the data science team working on a security system project that requires built-in features?

Ans-Documentations.

Q-3) Assume that their client is constantly increasing their demands and requirements for a project. What should you consider to manage the project that requires built-in features

ANs-Be flexible and adaptable.

Q-4) In the client project, consider that the necessary team and algorithm are provided. There are 5 days left to complete it. How can you explain the deliverables clearly to the clie

Ans-Brief Email.

Q-5) What is an efficient way to client specific requirements?

Ans- Understand what the client wants and needs.

Q-6) What is the most important aspect for a good quality project?

Ans-Balance the team's capability.

Q-7) What is most important aspect of planning?

ANs-To ensure project success.

Q-8) What is the quickest and most effective?

Ans-Automated E-mails.

Q-1 What is the importance of adapting arguments to consider diverse needs as an AI data scientist?

Ans- All of the given options

Q-2 Which is a great team-building practice to engage with the employees and motivate them to do better?

Ans- Recognition for extra efforts

Q-3 What is an effective way to persuade stakeholders about the benefits of implementing an AI solution?

Ans-Presenting concrete examples of successful AI Implementations

Q-4 Assume that you want to address the changes of the client into the recent project within the given timeframe. What is the correct course of actions in this scenario?

Ans- Identify the overlapping Interests with the client

Q-5 How should an AI data scientist facilitate a structured discussion to reach a consequences on the tools to be used for a pro0ject?

Ans- Faciliting discussions with everyone

Q-6 Which option will be appropriate in choosing the correct algorithm to meet client requirement?

Q-1) What should be done if a client requests a change in the project scope that might impact the timeline and cost?

Ans- Set clear expectations and communicate regularly.

Q-2) What is the most effective way for a client to communicate their requirement to the data science team working on a security system project that requires built-in features?

Ans-User-Experience Cases.

Q-3) Assume that their client is constantly increasing their demands and requirements for a project. What should you consider to manage the project that requires built-in features

Ans- Be flexible and adaptable.

Q-4) In the client project, consider that the necessary team and algorithm are provided. There are 5 days left to complete it. How can you explain the deliverables clearly to the clie

Ans-Product Roadmap.

Q-1 How can you ensure that your workplace has optimized electricity usage and zero energy waste?
Ans- Installing lights with auto switch off.

Q-2 Burn all the disks and storage devices

Q-3 What is the primary purpose of segregating waste into recycleable non-recycleable & hazardous categories?
Ans- To minimize the cost of waste disposal

Q-4 Which option indicates an effective way to imp
Ans- Actively seeking out diverse candidates in recruitement practices

Q-5 What is the appropriate way to address people with disabilities (PWD) in order to ensure respectful communication in your organization?
Ans-Differently abled

Q-6 What is the most effective resouces to promote workplace awareness among colleagues about usingh appropriate verbal & non verbal communication with PWD?
Ans- Use disability language style guide.

Q-7 What is the most important benefit of appropriate verbal & non-verbal communication schemes for people with disabilities (PWD) at the workplace?
Ans-Enhanced communication & collaboration with PWD

s6

Q-1 what is the first step In defining evaluation criteria and metrics?
Ans- Identifying model objectives

Q-2 How should evaluation criteria and metrics be selected?
Ans- Based on the stakeholder

Q-3 What is a potential risk of not implementing corrective actions for the model?
Ans- Reduced model functioning

Q-4 What Is the disadvantage of using forceful methods for hyper parameter tuning?
Ans- More time consuming

Q-5 What are hyper parameter tunings used for
Ans- To maximize model performance

Q-6 Which theorem helps you in determining conditional probability ?
Ans- Bayesian Theorem

Q-7 What is the disadvantages of using grid search for hyper parameter tuning?
Ans- Increases precision

Q-8 What Is the role of grid search in hyper parameter tuning?
Ans- Identifying best parameters

Q-1) What should be the main focus while reporting business outcomes?

Ans-Key Insights.

Q-2) Assume that you are working on analyzing the costume data. What is the first step in identifying?

Ans-Defining the problem.

Q-3What is the importance of defining the delivery mode and format for reporting business outcomes?

Ans- Reaches the target audience.

Q-4) What is the benefit of summarizing business outcomes into a narrative?

Ans-Comprehensive report.

Q-5) Which is the best way to present data during company meetings?

Ans-Charts.

Q-6) What is the best way to present a report to the company's seniors?

Ans- Power point presentations.

Q-7) What is the important of agreed language standards for visualizations?

Ans-Better Understanding.

Q-8) What is an example of a most popularly used visualization template?
s8

Ans-Bar Chart.

Q-1) What is the first step you need to take while identifying the key variables required for modeling or analysis of a dataset with multiple variable?

Ans- Use statistical techniques to summarize variables.

Q-2) Which statistical techniques can be used to summarize the key variables in a dataset?

Ans-All of the above.

Q-3) What is the first step you need to take while evaluating the results of an analysis and defining business outcomes?

Ans-Defining problem statement.

Q-4) What is the objective of a prescriptive action?

Ans-Turning data into actionable insights.

Q-5) In a dataset with 1000 variables which technique can be used to reduce the number of variables for.

Q-4) How should you pass an essential information to collegues?
Ans-

Q-1 Assume that your client is contantly increasing their demand and requirments for a project what should you consider to manage the project effectivley?
Ans- Be flexible and adaptable.

Q-1 How can you ensure that the teammate feels comfortable working together with colleagues that have different communication style

Ans- observe their communication style and try to adopt it

Q-3 How can you ensure that your colleagues efforts are recognized properly ?

Ans- Making sure the senior know about his or her efforts and contribution

Q-4 Which is the best way to recognize the contributions made by your colleagues at work?

Ans- Give the credit during team meeting

Q-5 What measures will you take with the current client projects in order to ensure that you will be provided with more projects in the future ?

Ans- Prioritizing the client deliverable in terms of timelines and quality alike

Q-6 Consider that the team of data scientists at your organizations comprises of a mix of fresher and experienced people which is not an appropriate way to treat the fresh

Ans- Take inputs from them while making a decision

Q-7 What will you do if you find out that one of your interns is not working accordingly to expectations?

Ans- Understanding the diffulcties is he or she is not working properly in team meetings

Q-9 How can you work with a colleague who is better than you to deliver a project without any conflict?

Ans-Help each other

Q-8 Assume that new intern is able to solve major issues in a client project how can you ensure that the intern gets his/her due credit

Ans- By acknowleding the efforts of the employee with senior