Q1. Describe the dataset.

Objective: how well can you analyze the problem and data set provided before any visualization or stats.

Q2. What are your observations of data?

Objective: before modelling what can you tell about the dataset, data and its character. How you use stats or visualizations to explain that.

Q3. Train 3 ML models (1 Deep Learning framework based and share the code not in here but separately). Why did you select these 3 models and not any other?

Objective: how you target a model and how you code.

Q4. How did the 3 models perform? Share Results and observations (one after another) if any.

Objective: What is your observation from the testing.

Q5. Which out of 3 will you select, why and explain how you think can improve that model.

Objective: What is your understanding of the model results and about model tuning.

Q6. (if experienced with AWS SageMaker SDK) Write code considering a cleaned data is present in s3 to implement training job for training any model of choice and transform job in AWS SageMaker for predictions.

Objective: What is your understanding of Sagemaker and SDK and if you can write a code that can explain you understand the SDK. Need not necessarily be a tested code.

(The exercise provided has several questions which can be time consuming. Expectations are just what is asked in the question and not go above and beyond)