Assuming you are an intern in a big MNC.

Recently there has been many spam email.

Your boss ask you to create a classifier for Spam Email (text) and calculate the accuracy. if your accuracy is high, your company may use your model.

1. Explain the pros and cons about your model, including limitation (can be both quantitative and qualitative), including how can you improve your model in future.
2. Explain why it is important to know text analytics.
3. How can classification of spam email help your company.
4. What do you need to get a better result.
5. What are the most common characteristics that identify an email as spam, and how can email systems distinguish between spam and legitimate email?
6. How can individuals and organizations protect themselves from the potential harm caused by spam emails, such as phishing attempts or malware?
7. What are the legal implications of sending spam emails, and how do laws like the CAN-SPAM Act in the United States enforce regulations against spammers?
8. How do spammers collect email addresses, and what strategies can people use to keep their email addresses private and reduce the amount of spam they receive?
9. What role does artificial intelligence play in the fight against spam emails, and how effective are modern AI-powered spam filters in screening unwanted email?