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**Please download the pdf document in the resources section to view the emails you will need to investigate.**

**In your investigation of the emails, what signs did you find to indicate whether each email was malicious or safe? Give your opinion and analysis on these emails in this document, then upload it as your submission.**

**Email 1:**

|  |  |
| --- | --- |
| **Is this email Safe or Malicious?** | **My Analysis** |
| Safe | * *This email is not malicious.* * *The email does not contain any URL or links attached.* * *Name and email of the sender is also genuine.* * *There is no suspicion in the message ,the sender and receiver are having a normal conversation.* * *So this email is safe and does not have any malicious to attack the user.* |

**Email 2:**

|  |  |
| --- | --- |
| **Is this email Safe or Malicious?** | **My Analysis** |
| Malicious | * *The attached link or hyperlink is malicious.* * *The email sender is requesting the user to update the email so that he/she can receive large files.* * *The name of the sender is also not geniune.* * *If any action was required to update the email the google itself will notify the user, no other third party will send the message.* * *Overall the email is not very professional. The sender is trying to get the user details by convincing him/her to update the email and can receive larger files and offers about microsoft product, services and security.* * *Finally the email is trying to get the user details, this is a common social engineering or phishing attack.* |

**Email 3:**

|  |  |
| --- | --- |
| **Is this email Safe or Malicious?** | **My Analysis** |
| Malicious | * *The attached URL is malicious.* * *The email sender is asking user to login to facebook by sending him/her a malicious URL link.* * *The URL* [*https://www.facebook.com.opt/login.htm*](https://www.facebook.com.opt/login.htm) *is not a valid url, it has .htm which clearly indicates that it is a phishing attack to gain username and password of the user.* * *Also the email is not professional and the title of the email is suspicion, in addition the sender is trying to trick the user to click on the link.* * *Thus, it clearly shows that it is phishing attack.* |

**Email 4:**

|  |  |
| --- | --- |
| **Is this email Safe or Malicious?** | **My Analysis** |
| Safe | * *This Email is safe and there is nothing suspicion in it.* * *The name and email id of the sender is also valid and genuine.* * *The email is related to a gaming headset product.* * *There is no URL or Link attached with the email.* * *So this email is safe and does not have any malicious to attack the user.* |

**Email 5:**

|  |  |
| --- | --- |
| **Is this email Safe or Malicious?** | **My Analysis** |
| Malicious | * *This email does not contain any URL or link attached, but the message is suspicious.* * *The email sender is requesting the user to give his/her account to send critical intel.* * *It clearly indicates that it is suspicious and malicious because FBI agent does not send emails to private citizens.* * *In addition the FBI undercover agent does not share any information with citizens.* * *Thus, the email sender is trying to get the user account, and can perform malicious attack, access the user dtails and share unwanted information by using users account.* |

**Email 6:**

|  |  |
| --- | --- |
| **Is this email Safe or Malicious?** | **My Analysis** |
| Safe | * *This email is safe and there is nothing suspicious in it.* * *The name and email of sender is also genuine.* * *It does not contain any type of URL or link attached which indicate that it is malicious.* * *The sender and receiver are having conversation over the project so there is nothing suspicious in it.* * *So this email is safe and does not have any malicious to attack the user.* |

**Email 7:**

|  |  |
| --- | --- |
| **Is this email Safe or Malicious?** | **My Analysis** |
| Malicious | * *The attached URL is malicious.* * *The name of the sender is also not geniune.* * *The email sender is trying to convince the user to click on the following link to get 15% off on car insurance.* * *Overall this email is not very professional, the URl “hxxp” is not a valid protocol.* * *Thus, it clearly indicates that this email is malicious and trying to attack the user to get confidential details. This is a common social engineering or phishing attack.* |