**Project Development Phase**

**Model Performance Test**

|  |  |
| --- | --- |
| Date | 16 November 2022 |
| Team ID | Team-592275 |
| Project Name | Gilded Emotions: Unearthing Market Sentiments In Gold News |
| Maximum Marks | 10 Marks |

**Model Performance Testing:**

Project team shall fill the following information when working for VAPT testing for a target .

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No.** | **Parameter** | **Values** | **Screenshot** |
|  | Information gathering | Footprinting – Completed  Gather information about goldmarket trends, relevant news, andsocial media sentiments.  Recconicessines – Completed  Explore gold-related forums, news websites, and social media for sentiment-related discussions. |  |
|  | Scanning the target | Scanning info – Completed  Utilize NLP tools to analyze market sentiments and identify key topics. Assess sentiment polarity in gold news headlines and discussions.  Risk factors – Identified  Identify risks based on sentiment analysis, e.g., potential market fluctuations based on sentiments. |  |
| 3. | Gaining access | Access process – Executed  Implement sentiment analysis models to gain insights into gold  market sentiments  Vulnerability found – Yes  Document challenges or issues  encountered during sentiment analysis implementation |  |
| 4 | Maintaining access - Automation ( AI implementation ) | AI tools used - AI tools used - Employ AI-driven tools to automate  Utilize Natural Language Processing  (NLP) libraries like NLTK or spacy.  Implement automation scripts for sentiment analysis tasks.  Automation implemented – Yes  Describe the integration of AI and automation in the sentiment analysis process. |  |
| 5 | Covering Tracks & Report | Vulnerability risk factors – Mitigated  Assess the risk factors associated with sentiment analysis results.  VAPT report - Generated and Submitted  Generate a comprehensive VAPT report detailing sentiment analysis findings, risks, and recommendations. |  |



















