**Performance Evaluation: Precession and Recall**

**Confusion Matrix**: The color code of the box indicates the corresponding values in the evaluation sheet. (Excel Sheet)

Where is “N” is no of prompted queries to the Model.

|  |  |  |
| --- | --- | --- |
| **N=n** | Predicted No | Predicted Yes |
| Actual No | True Negative - Orange | False Positive - Purple |
| Actual Yes | False Negative - White | True Positive- Green |

**False Positive – Purple:** If the data is correct and we are able to understand the context, but it matches only a little with the ground truth.

**True Positive- Green:** If everything matches word to word

**False Negative – White:** if data is correct in the ground truth and we didn’t get a response.

**True Negative – Orange:** If both the phrases do not match with each other.

1. **WHO1: Title': 'Title**

|  |  |  |
| --- | --- | --- |
| **N=46** | Predicted No | Predicted Yes |
| Actual No | 0 | 0 |
| Actual Yes | 0 | 46 |

1. **WHY1: What is the evaluation purpose in this study?**

|  |  |  |
| --- | --- | --- |
| **N=46** | Predicted No | Predicted Yes |
| Actual No | 10 | 29 |
| Actual Yes | 7 | 0 |

1. **WHY2: What is the research aim in this study?**

|  |  |  |
| --- | --- | --- |
| **N=46** | Predicted No | Predicted Yes |
| Actual No | 6 | 38 |
| Actual Yes | 2 | 0 |

1. **WHERE1: By which commercial Cloud provider(s) are the evaluated services supplied?**

|  |  |  |
| --- | --- | --- |
| **N=46** | Predicted No | Predicted Yes |
| Actual No | 1 | 45 |
| Actual Yes | 0 | 0 |

1. **WHERE2: What commercial Cloud computing services were evaluated?**

|  |  |  |
| --- | --- | --- |
| **N=46** | Predicted No | Predicted Yes |
| Actual No | 3 | 43 |
| Actual Yes | 0 | 0 |

1. **WHAT1: What feature(s) was/were evaluated in this study?**

|  |  |  |
| --- | --- | --- |
| **N=46** | Predicted No | Predicted Yes |
| Actual No | 21 | 25 |
| Actual Yes | 0 | 0 |

1. **WHAT2: What components were concerned for the evaluated feature?**

|  |  |  |
| --- | --- | --- |
| **N=46** | Predicted No | Predicted Yes |
| Actual No | 15 | 31 |
| Actual Yes | 0 | 0 |