| GOLDEN HARVEST: A PREDICTIVE MODEL FOR APPLE QUALITY ASSURANCE |   |           |             |  |
|--|---|-----------|-------------|--|
| Metrics  | Sub-Evaluation Metrics & Scoring Criteria                           | Weightage | Total Score |  |
| Assignments & Quizzes  | Quizzes (Total – 4 Nos.)  | 4         | 10          |  |
|  | Assignment-1  | 2         |             |  |
|  | Assignment-2  | 2         |             |  |
|  | Assignment-3  | 2         |             |  |
| Project Initialization and<br>Planning Phase                   | Define Problem Statements   | 3         | 10          |  |
|  | Project Proposal (Proposed Solution)                                | 3         |             |  |
|  | Initial Project Planning Report                                     | 4         |             |  |
| Data Collection and<br>Preprocessing Phase                     | Data Collection Plan & Raw Data Sources<br>Identification Report    | 2         | 10          |  |
|  | Data Quality Report   | 2         |             |  |
|  | Data Exploration and Preprocessing Report                           | 6         |             |  |
| Model Development<br>Phase                                     | Feature Selection Report  | 5         | 15          |  |
|  | Model Selection Report  | 6         |             |  |
|  | Initial Model Training Code, Model Validation and Evaluation Report | 4         |             |  |
| Model Optimization and<br>Tuning Phase                         | Hyperparameter Tuning Documentation                                 | 6         | 10          |  |
|  | Performance Metrics Comparison Report                               | 2         |             |  |
|  | Final Model Selection Justification Report                          | 2         |             |  |
| Project Executable<br>Files                                    | Project Executable Files  | 6         | 6           |  |

| Project Documentation | Project Documentation | 2  | 2   |
|-----------------------|-----------------------|----|-----|
| Project Demonstration | Project Demonstration | 2  | 2   |
| Attendance            | Attendance            | 5  | 5   |
| Grand Assessment      | Grand Assessment      | 30 | 30  |
| Overall               |                       |    | 100 |