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| **Question No.** |  | **Question Vs Taxonomy** | | | | | |  |
|  | **Affective Level** | | | | | |  |
| **Topic** | **1** | **2** | **3** | **4** | **5** | **6** | **PLO** |
|  | **SQ** | **SQ** | **SQ** | **SQ** | **SQ** | **SQ** |  |
| 1 | Assess various forms of data sets by reading, combining and categorizing using data analytical programming techniques. (C5, PLO2) |  |  |  |  | 10% |  | 2 |
| 2 | Produce analytical data models by creating summary reports and enhanced listings. (C6, PLO7) |  |  |  |  |  | 50% | 7 |
| 3 | Formulate visualization and discovery strategies using the datasets given. (A4, PLO5) |  |  |  | 40% |  |  | 5 |
|  | **Total** |  |  |  |  |  | **100%** |  |

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| **Individual - (100%)** | **Marks** |
| **PART 1** | **10%** |
| **Introduction** | **5** |
| **Metadata** | **5** |
| **PART 2** | **50%** |
| **Literature review** | **10** |
| **Data Pre-processing**  Correctness of identification of the attribute types, the pre-processing procedures, results and explanation of the steps undertaken. | **15** |
| **Exploratory Data Analysis (EDA) – graph**  Depth of data understanding - how comprehensive are the explanations of your explorative results, appropriateness of illustrations. | **15** |
| **Model creation and prediction** | **10** |
| **PART 3** | **40%** |
| Formulate visualization and report generation | **30** |
| Presentation | **10** |
|  | **100** |