Dataset Name:

Group No.: On Campus/cloud:

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| --- | --- | --- |
| Student ID | Student Full Name | Individual contribution \* |
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|  |  |  |
|  |  |  |

\* 5 – Contributed significantly, attended all meetings

4 – Partial contribution, attended all meetings

3 – Partial contribution, attended few meetings

1 – No contribution, attended few meetings

0 – No contribution, did not attended any meetings

NOTE: IF ANY OF THE CELLS IN INDIVIDUAL CONTRIBUTION MARK IS EMPTY ALL STUDENTS WOULD GET 3 MARK BY DEFAULT

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| **Section 1: Introduction and getting to know your data** (max 2 pages) |

**Hints:**

* Why and how the data was collected (the main problems, aims etc.)
* Discussing existing features/variables and their values (numerical, missing values, any classes identified etc.)
* Your initial observations and plans for Exploratory Data Analysis

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| **Section 2: Exploratory Data Analysis and Results** (max 7 pages) |

**Hints:**

* Data cleansing, like missing data or measurement error, data type of columns, etc.
* Establishing the main structure and key variables; Correlation between variables, looking for abnormality, groups, subgroups
* Investigation interesting patterns, like identifying relationships between variables that are particularly interesting or unexpected.
* Checking assumptions/hypothesis in relation to a specific pattern.
* Using effective visualizations to demonstrate findings/results

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| **Section 3: Conclusions** (max 1 page) |

**Hints:**

* Explain what are you main observations after performing Exploratory Data Analysis
* Any suggestion on what problems could be considered for your Machine Learning project?

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| **Section 4: References** (max 1 page) |