

**Fundamentals of Data Mining  
Data Science  
Faculty of Computing  
Sri Lanka Institute of Information Technology**

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**FDM Mini Project - 2025**

**Due date: Will be notified later**

**Type: Group work (4 members)**

**Deliverables:**

- **SOW, Final Report, Software solution, 10 min video presentation**

**Evaluation: Based on demonstration, viva, and reports**

**Weight for the final grade: 25 %**

**Step 1**

Register your project with the given link on the subject page on or before the **22<sup>nd</sup> of August**.

**Step 2**

**Find out a real-world problem** (use publicly available datasets) and propose solutions using Data Mining / Machine Learning techniques.

Before working on the project, make sure to show the datasets that you have selected to your lab instructor/lecturer by the next week (week starting from 25<sup>th</sup> August), to get the approval to continue your project **during your allocated lab sessions**. Please get the finalized decision for the dataset selection at least by the **7<sup>th</sup> of September**.

After getting the approval for the topic and dataset, the team should submit the statement of work (SOW) document. It should include the following,

- Background
- Scope of work
- Activities
- Approach
- Deliverables
- Project Plan & Timeline
- Assumptions
- Project team, roles, and responsibilities

**Step 3**

Plan for final submission as described on the subject page. The due date will be notified later.

- When selecting datasets, ensure that they comprise **at least 10,000 rows** with **recent** data and can be applied with **preprocessing**.