**IST340: Structure of Final Project Report**

* Include a Table of Contents with relevant page numbers

**PART A**

**Task A1:**

Your answer should include:

**A1.1 Description of Plan**

* Business Objectives Determination
* Data Understanding (see CRISP-DM, page 18-19). Describe each.
* Data Preparation. You should be aware that there are multiple substeps involved here. Describe each.
* Data Mining. You should be aware that there are multiple substeps involved here. Describe each.
* Evaluation. Describe your plan for evaluation.

**A1.2 Execution of Plan**

For each of the steps of A1.1, describe what you actually did. This includes but is not limited to:

* + Description of Data Understanding activities.
  + Description of Data Preparation activities.
  + Description of experimental approach. For this project, your approach to partitioning of the model dataset should include a Test dataset in addition to Training & Validation datasets.
  + Definition of performance measures
  + Definition of approach for evaluating generated models
  + Evidence of application of experimental approach
  + Review the evaluation form for questions 1 & 2 of the take home exam to see what material you should provide

**Task A2:**

Your answer should include:

**A2.1 Description of Plan**

* Business Objectives Determination
* Data Understanding: *Only describe activities that differ from what was done for Task A1*.
* Data Preparation. *Only describe activities that differ from what was done for Task A1*.
* Data Mining. From reading the lecture notes, you should be aware that there are multiple substeps involved here. Describe each.
* Evaluation. Describe your plan for evaluation.

**A2.2 Execution of Plan**

For each of the steps of A2.1, describe what you actually did. This includes but is not limited to:

* + Description of Data Preparation activities. *Only describe activities that differ from what was done for Task A1.*
  + Description of experimental approach
  + Definition of performance measures
  + Definition of approach for evaluating generated models
  + Evidence of application of experimental approach

**Task A3:**

Format of your answer should be similar to that for Task A2.

**Task A4:**

Format of your answer should be similar to that for Task A2.

Task A5 ?

**PART B**

**Task B1:**

* Format of your answer should be similar to that for Task A1 *except that Business Objectives Determination is not required*. Also review the evaluation form for CEs and Questions 1 & 2 of the exam to see what material you should provide.

**Task B2:**

* Format of your answer should be similar to that for Task A2. Also review the evaluation form for CEs to see what material you should provide.

**Task B3:**

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* Format of your answer should be similar to that for Task A2. Also review the evaluation form for CEs to see what material you should provide.

**Individual Assignment**

Each member of the team is required to write a report that discusses the contribution that s/he made to the completion of the project, plus what was learned. Do not be superficial.