**Machine Learning for Health Informatics**

**WRITTEN FINAL ASSIGNMENT**

**Master of Science in Health Informatics**

**A. INSTRUCTION**

One of the requirements of this course is to complete one final assignment of a given topic in **Machine Learning for Health Informatics.** Attached in this packet are the guidelines, instructions, and due dates for the assignments. Please keep the following expectations in mind:

1. Each assignment is worth 100 points.
2. Read instructions carefully and be sure to complete all aspects of the assignments.
3. Be thorough and complete in your work. Simple “yes/no” answers or “I agree” comments are not sufficient.
4. The assignments are developed to correspond to topics that we will be studying throughout the term. You will get the most out of the assignments if they are done well. Therefore, you will need to turn in your work by the deadlines designated in your syllabus and on the assignment sheet. No late assignments will be accepted.
5. All written assignments must be typed and double-spaced.

**B. DIRECTIONS.** After reading your two textbooks, answer all the following questions and case study as comprehensive as possible.

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| **No.** | **QUESTIONS** | **MARK** |
| **1** | Make a critical review on *“Machine Learning for Health Informatics”.* | 25 marks |
| **2** | Review *“Empowering Bridging Term Discovery for Cross-Domain Literature Mining in the TextFlows Platform”* | 25 marks |
| **3** | Prepare a critical analysis on the *“Visualisation of Integrated Patient-Centric Data as Pathways: Enhancing Electronic Medical Records in Clinical Practice”.* | 25 marks |
| **4** | Critically analyze *“Recommender Systems for Health Informatics: State-of-the-Art and Future Perspectives”.* | 25 marks |
|  | **TOTAL** | **100 marks** |