**CS4033 - Data Warehousing**

**Assignment No. 2**

Instructions:

1. Individual assignment for section 7A
2. Group assignment (max 2 members) for section 9A
3. Plagiarized work shall be awarded direct zero marks
4. Due Date/Time: 10-Oct-2023 (4:30 PM)
5. Upload scanned pictures (if handwritten) or Word doc on Google classroom.

Task:

Prepare reports on given topics

Fill the given report template for each assigned topic separately.

Combine all reports in one Word document and upload on classroom.

Topics for section 9A (EDC Conference room)

1. Human Factors Engineering: How Local Industry Can Improve Effectiveness and Efficiency by   
   Dr. Muhammad Tanvir Afzal
2. Computer-Aided System for Pneumothorax Detection through Chest X-ray Images using Convolutional Neural Network by Farwa Urooj
3. Prediction of Polycystic Ovary Syndrome Using Genetic Algorithm-driven Feature Selection by Fatima Faridoon
4. Exploring the Potential of HMMs in Linguistics for Part of Speech (POS) Tagging by Mahnoor Iftikhar
5. Detecting Cyberbullying using Machine Learning Approaches by Adnan Haider

Topics for section 7A (Auditorium)

1. Is Economics from Afar Domain Generalizable? Combining Machine Learning & Satellite Imagery to understand Economic Wellbeing by Dr. Mohsen Ali
2. Geomatics Technology in The Assesment Of Renewable Energy Resource Potential by Dr. Jeark A. Principe
3. Physics-Informed Machine Learning Models for Self-adapting Network of Digital Twins by Dr. Ashiq Anjum
4. Certified and Explainable Sustainable Cyber Security by Dr. Taimoor Khan
5. Workshop on Deep Ensemble Learning for Video and Image Analytics by Dr. M. Atif Tahir (Lab 2)