**EAST WEST UNIVERSITY**

**LAB 02 (REPORT)**

**Course Code:** CSE366  
**Course Title:** Artificial Intelligence  **Section:** 01

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**Overview:**

This dataset contains images of various cancer types, compiled for research and analysis purposes. It includes **8 main cancer classes** and **26 subclasses**, providing a rich resource for medical image classification and machine learning applications.

This project demonstrates how to classify brain cancer using Convolutional Neural Networks (CNNs). It includes both a **custom-built CNN** and a **pre-trained CNN** implementation using PyTorch.

Expected Outputs:





















