Artificial Intelligence for Healthcare

10/03/2025

**Assignment 1**

**K-nearest neighbor Algorithms**

**Q1.**

Given the heart disease dataset in the link ([heart\_diseases\_dataset](https://drive.google.com/file/d/1SYCbU52VlzA9Lxcjwtot2UDuIMo0EmEZ/view?usp=sharing))

**Q2.**

Given the Medical MNIST dataset in the link ([Medical MNIST dataset](https://drive.google.com/drive/folders/1obhiyPXtVXUwIsDaccxDEL8ug1keLu1L) )

**Please write the code KNN Algorithms (from scratch and with sklearn) for each Question.**

You can using Colab format here: [Colab format](https://colab.research.google.com/drive/16H8KkttEXtaQ-QwSznvtPQTTJ1PxhvpW?usp=sharing) if not, you can also organize your own files.

Submit your works at BlackBoard.

NOTES: Your works file should have Your\_name – ID\_number .

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