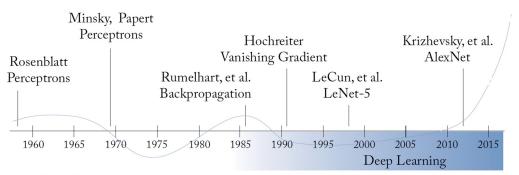
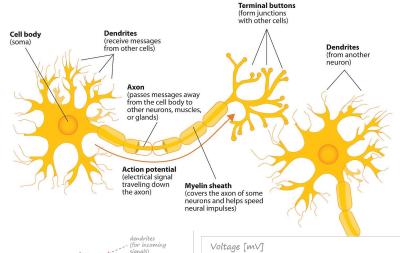
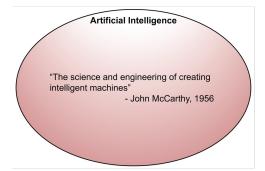
Artificial Intelligence (AI)

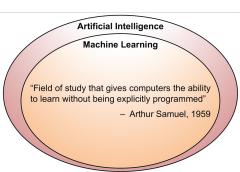


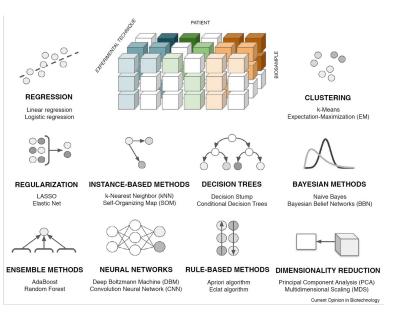


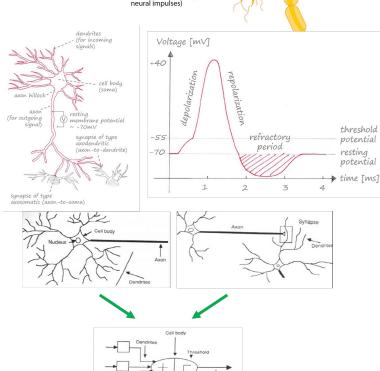






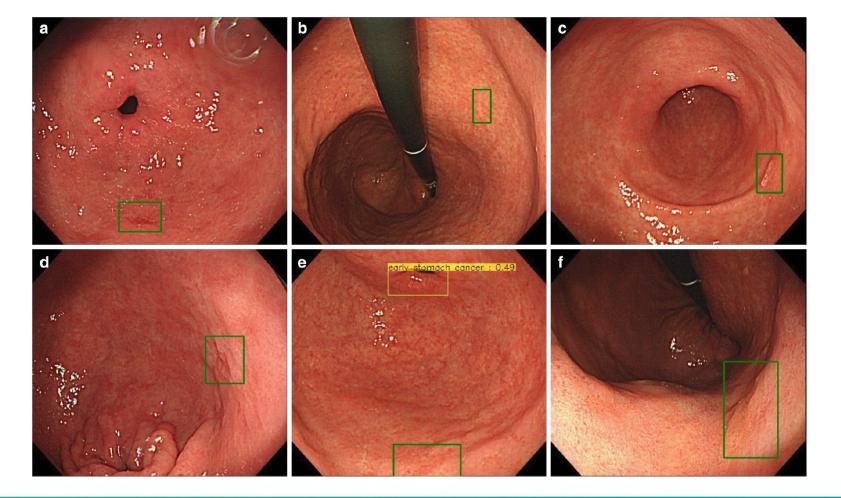






Al Role in Cardia Cancer

Application of artificial intelligence using a convolutional neural network for detecting gastric cancer in endoscopic images – Gastric Cancer Journal - 2018

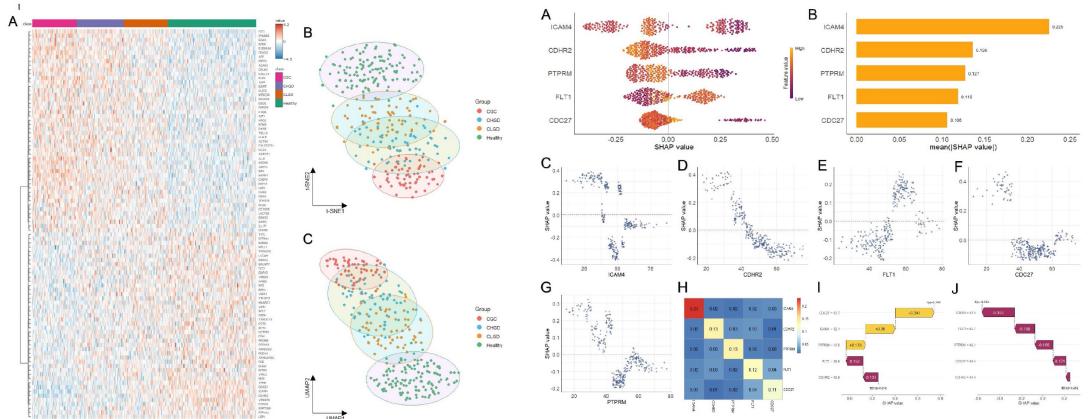




Al Role in Cardia Cancer

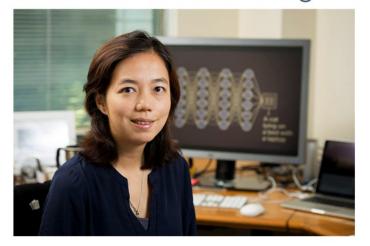
Proteomic and serological markers for diagnosing cardia gastric cancer and precursor lesions in a Chinese population – Nature 2024





Data Value

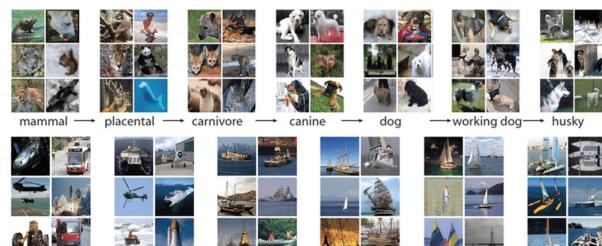
What We Need for using AI in Medicine: New Data Lakes is Vital!





Prof. Geoffrey Hinton, Godfather of Al







watercraft --- sailing vessel

sailboat

Dataset Sources in the World



Dataset Search

Q

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UCI University of California, Irvine





New Datasets - New Horizons





































BMC Research Notes

ERCPMP: an endoscopic image and video dataset for colorectal polyps morphology and pathology

Mojgan Forootan¹, Mohsen Rajabnia², Ahmad R. Mafi¹, Hamed Azhdari Tehrani³, Erfan Ghadirzadeh¹, Mahziar Setayeshfar⁴, Zahra Ghaffari¹, Mohammad Tashakoripour¹, Mohammad Reza Zali¹ and Hamidreza Bolhasani5*

Abstract

Mendeley

ELSEVIER

This dataset contains demographic, morphological and pathological data, endoscopic images and videos of 191 patients with colorectal polyps. Morphological data is included based on the latest international gastroenterology classification references such as Paris, Pit and JNET classification. Pathological data includes the diagnosis of the polyps including Tubular, Villous, Tubulovillous, Hyperplastic, Serrated, Inflammatory and Adenocarcinoma with Dysplasia Grade & Differentiation.

Objectives: Today the most important challenge of developing accurate algorithms for medical prediction, detection, diagnosis, treatment and prognosis is data. ERCPMP is an Endoscopic Image and Video Dataset for Recognition of Colorectal Polyps Morphology and Pathology. This dataset can be used for developing deep learning algorithms for polyps detection, classification, and segmentation.

Data description: Images were captured with Olympus colonoscope and are presented in RGB format, JPG type with the resolution of 368 * 256 pixels and 96 dpi. The name of each file (image or video) includes pathological diagnosis, grade and JNet classification of the related polyp.

Keywords Colorectal polyps, Dataset, Endoscopy, Colonoscopy, Morphology, Surface pattern, Pathology, Artificial

Colorectal cancer (CRC) is a significant cause of mortality worldwide, responsible for an estimated 1.9 million new cases and 935,000 deaths globally among 5.2 million diagnosed cases in 2020 [1]. It is the third most prevalent malignancy worldwide and the second major cause of cancer-related mortality [1]. Detecting CRC early through screening methods like colonoscopy, fecal occult blood tests, and sigmoidoscopy is crucial for improving patient outcomes, which can detect polyps and earlystage malignancies that can be excised before they progress [2, 3].



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¹Gastroenterology and Liver Disease Research Center, Research Institute

for Gastroenterology and Liver Diseases, Shahid Beheshti University of

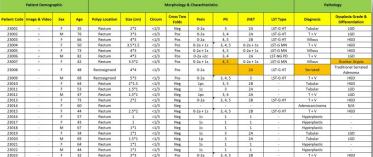
³Department of Hematology and Medical Oncology, Shahid Beheshti

SDepartment of Computer Engineering, Science and Research Branch,

*Correspondence: Hamidreza Bolhasani

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30 January 2025





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ERCPMP: An Endoscopic Image and Video Dataset for Colorectal Polyps Morphology and Pathology







www.databiox.com



23001_1_Tubular _LGD_JNet_2A.jp



23001_2_Tubular _LGD_JNet_2A.jp



23001_3_Tubular _LGD_JNet_2A.jp



23001_Video_1_T ubular_LGD_JNet _2A.mp4



23002_1_Tubulo Villous_LGD_JNet _2A.jpg



23002_2_Tubulo Villous_LGD_JNet _2A.jpg



https://data.mendeley.com/datasets/7grhw5tv7n/6

23002_3_Tubulo Villous_LGD_JNet _2A.jpg



23002_4_Tubulo Villous_LGD_JNet _2A.jpg



23002_Video_1_7 ubuloVillous_LG D_JNet_2A.mp4



23003_1_Villous_ HGD_JNet_2B.jpg



23003_2_Villous_ HGD_JNet_2B.jpg



23003_3_Villous_ HGD_JNet_2B.jpg



23003_4_Villous_ HGD_JNet_2B.jpg



23003_5_Villous_ HGD_JNet_2B.jpg



23003_6_Villous_ HGD_JNet_2B.jpg



23003_7_Villous_ HGD_JNet_2B.jpg



23003_Video_1_ Villous_HGD_JNe t_2B.mp4



23004_1_Tubulo Villous_HGD_JNe t_2B.jpg



23005_1_Villous_ HGD_JNet_2B.jpg



23005_2_Villous_ HGD_JNet_2B.jpg



23005_3_Villous_ HGD_JNet_2B.jpg



23005_4_Villous_ HGD_JNet_2B.jpg



23005_5_Villous_ HGD_JNet_2B.jpg



23005_6_Villous_ HGD_JNet_2B.jpg



23005_7_Villous_ HGD_JNet_2B.jpg



23005_8_Villous_ HGD_JNet_2B.jpg



23005_9_Villous_ HGD_JNet_2B.jpg



23005_10_Villous _HGD_JNet_2B.jp

30 January 2025



23005_11_Villous _HGD_JNet_2B.jp



23005_12_Villous _HGD_JNet_2B.jp



23006_1_Tubulo Villous_LGD_JNet _2A.jpg



23006_2_Tubulo Villous_LGD_JNet _2A.jpg



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23006_4_Tubulo Villous_LGD_JNet _2A.jpg



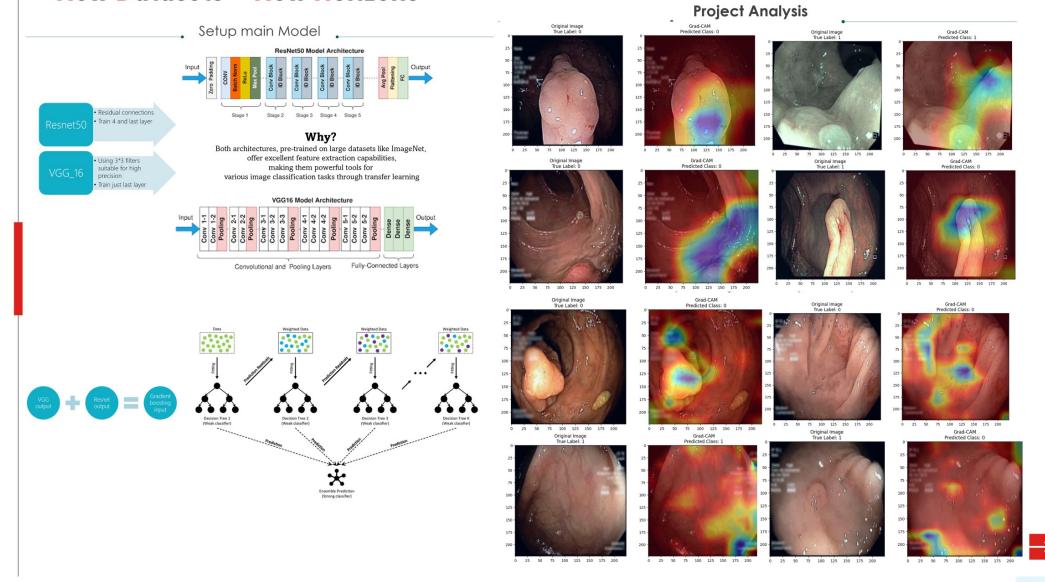
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23006_6_Tubulo Villous_LGD_JNet _2A.jpg



New Datasets - New Horizons





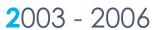


& Motivation...



Motivation & Hope...

Dream Big, Work Hard and Stay focused.





+30 times Chemotherapy and...









Accepted as Postdoctoral Researcher at Harvard Medical School

May 2023





9

November 2, 2022

Hamidreza Bolhasani

BRIGHAM HEALTH





Dear Mr. Bolhasani,

It is with pleasure that I send you this offer letter for a full-time, exempt position as a Postdoctoral Research Fellow at Brigham and Women's Hospital (BWH) in the Department of Pathology. This position is anticipated to begin on or about May 22nd, 2023. The department will appoint you to the BWH Medical Staff as a Research Fellow and will propose that you be appointed as a Research Fellow at the Harvard Medical School (HMS); however, final approval of this appointment rests with HMS.

The Research Fellow position is intended to provide training to facilitate your transition to an academic or research career. Primary duties include, but are not limited to; researching, developing, designing, executing, and interpreting research experiments. This position will also contribute to scientific literature, reports, journals and presentations as well as investigate, create, and develop new methods and technologies for research advancement.

Thanks

Mojgan Forootan, MD Hamidreza Bolhasani, PhD

Bolhasani@gmail.com

Jan 2025





