**L01 – Medical Image Analysis**

**Activities:**

* I researched the use of computer vision and AI in medical image analysis.
* I explored various techniques like image acquisition, preprocessing, segmentation, and feature extraction.

**Results:**

* I understood how computer vision enhances diagnostic accuracy and optimizes treatment planning in healthcare.
* I learned about the applications and benefits of using AI for medical imaging.

**Reflection:**

* **Challenges**: I learned about the complexity of integrating AI in medical imaging and ensuring regulatory compliance.
* **Solutions**: One of the important steps in integrating AI in medical image is to emphasize the importance of ethical considerations and thorough validation.
* **Key Takeaways**: I recognized the transformative impact of AI in medical imaging and its potential to improve patient care​.

**A screenshot of a computer

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