

## Project Proposal

**Title:** Exploring Large Language Models and Enhancing Societal Impact through AI in Aircraft Damage Detection

**Duration:** 2 Weeks

### Objectives:

#### Dive into Large Language Models (LLMs):

Understand the architecture, functioning, and applications of large language models.

Develop a small demonstration using an LLM in a Jupyter Notebook.

#### Enhance Understanding of Societal Impact in AI for Aircraft Damage Detection:

Conduct in-depth research on the use of AI and computer vision in aircraft damage detection.

Elevate my proficiency level in societal impact from Proficient to Advanced by exploring the potential benefits and ethical considerations of these technologies.

## To Do List

Done	Task
	Review on large language models on internet
	Study architecture and training of LLMs
	Find idea to make a demonstration with on LLMs
	Set up development environment and experiment with LLMs
	Develop basic LLM functionalities in a Jupyter Notebook
	Create and document a demonstration project in the Notebook
	Research technologies used in AI in aircraft damage detection
	Review case studies and analyze societal benefits of AI in ADD
	Explore ethical challenges and considerations in the technologies
	Compile research findings and draft the societal impact report
	Finalize demonstration project and societal impact report