# Report: Text Summarization Using Pegasus Model

In this project, I used the Pegasus model from Hugging Face to summarize a long technical paragraph about edge computing. The goal was to turn a detailed explanation into a shorter version that still keeps the main points.

I started by loading the Pegasus tokenizer and model (google/pegasus-xsum) and gave it a long text as input. The model then generated a short summary based on that input. To make the output more readable, I used Python’s textwrap module to format the summary in paragraph style so it doesn’t go off the screen in one long line.

I also added a heading ("Summary") before printing the final output to make it look cleaner and more understandable.

I set some parameters like min\_length and max\_length to control how short or long the summary should be. The whole code runs using PyTorch (framework="pt") and uses the summarization pipeline provided by Hugging Face.

This project helped me understand how text summarization works using pre-trained transformer models, and how to make the output more user-friendly with simple formatting.