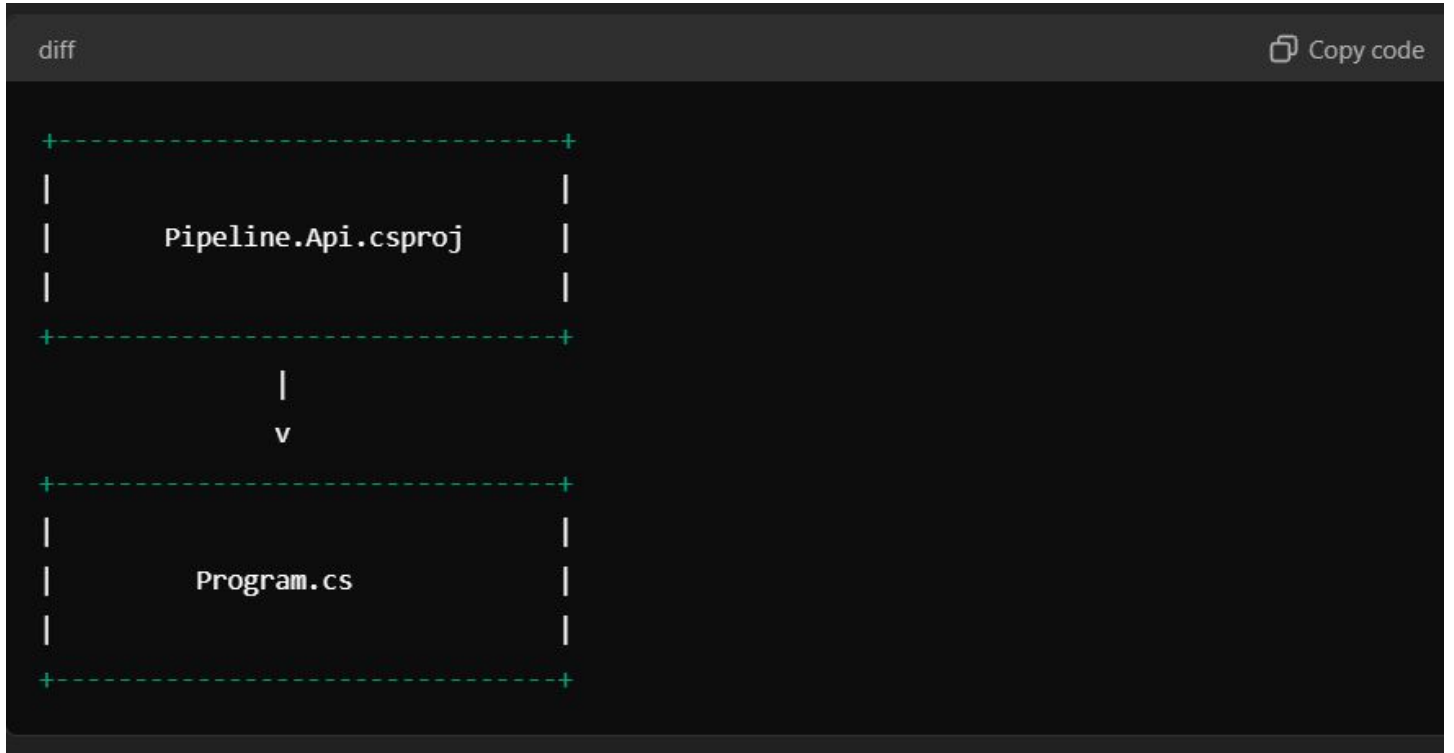


# Pipeline Microservice Overview

## High-Level Architecture Diagram



# Pipeline Microservice Overview

## Pipeline Microservice Overview

### 1. \*\*Pipeline Microservice Overview\*\*

The Pipeline Microservice handles data processing pipelines, ensuring data flows correctly through the system.

### 2. \*\*Structure and Files\*\*

**Overview**: This microservice manages the orchestration of data processing tasks.

**Files**:

- **Pipeline.Api.csproj**:

- **Purpose**: Project file for the Pipeline API service.

- **Pros**: Manages dependencies and build settings for the service.

- **Cons**: Can become complex with multiple dependencies.

- **Program.cs**:

- **Purpose**: Entry point for the Pipeline API service.

- **Pros**: Configures middleware and service startup.

- **Cons**: Misconfiguration can disrupt data pipelines.

# **Pipeline Microservice Overview**

**Q: 1. What is the main role of the Pipeline microservice?**

A: To manage the orchestration and execution of data processing tasks.

**Q: 2. How does the Pipeline microservice ensure data integrity?**

A: By implementing checks and balances within the data processing pipeline.