<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>AI Value Calculator</title>

<style>

body { font-family: Arial, sans-serif; text-align: center; margin: 50px; background-color: #000000; color: white; }

input, button { margin: 10px; padding: 8px; }

.container { max-width: 600px; margin: auto; padding: 20px; background: #1A1A1A; border-radius: 10px; }

</style>

</head>

<body>

<div class="container">

<h2>AI Value Calculator</h2>

<form id="aiCalculatorForm">

<input type="number" id="currentCost" placeholder="Current Process Cost (£)" required><br>

<input type="number" id="efficiencyGain" placeholder="Expected Efficiency Gain (%)" required><br>

<input type="number" id="aiCost" placeholder="AI Implementation Cost (£)" required><br>

<input type="number" id="roiTimeframe" placeholder="ROI Timeframe (months)" required><br>

<button type="submit">Calculate</button>

</form>

<h3 id="result"></h3>

</div>

<script>

document.getElementById('aiCalculatorForm').addEventListener('submit', function(event) {

event.preventDefault();

const currentCost = parseFloat(document.getElementById('currentCost').value);

const efficiencyGain = parseFloat(document.getElementById('efficiencyGain').value);

const aiCost = parseFloat(document.getElementById('aiCost').value);

const roiTimeframe = parseFloat(document.getElementById('roiTimeframe').value);

if (isNaN(currentCost) || isNaN(efficiencyGain) || isNaN(aiCost) || isNaN(roiTimeframe)) {

document.getElementById('result').innerText = "Please enter valid numbers in all fields.";

return;

}

// Updated formula with compounding efficiency gains

const estimatedSavings = currentCost \* (Math.pow(1 + efficiencyGain / 100, roiTimeframe) - 1);

const roi = estimatedSavings - aiCost;

document.getElementById('result').innerText = `Estimated Savings: £${estimatedSavings.toFixed(2)}, ROI: £${roi.toFixed(2)}`;

});

</script>

</body>

</html>