

Financial Analysis for SUSTAINER						
Created by: Alfonso Cannavale, Antonio Scognamiglio, Domenico Antonio Gioia				Date: 16/10/2023		
Discount rate	11,00%					
Assume the project is completed in Year 0			Year			
	0	1	2	3	Total	
Costs	22.163	46.626	46.626	46.626		
Discount factor	1,00	0,90	0,81	0,73		
Discounted costs	22.163	41.963	37.767	34.037	135.931	
Benefits	17.426	49.375	148.124	246.874		
Discount factor	1,00	0,90	0,81	0,73		
Discounted benefits	17426,4	44.437	119.981	180.218	362.063	
Discounted benefits - costs	(4.737)	2.474	82.214	146.181	226.132	← NPV
Cumulative benefits - costs	(4.737)	(2.263)	79.951	226.132		
ROI →	166%					
Assumptions			Payback in Year 2			
Cost						
Project Manager (320 hours, 27€/hour, 3 PM)	25.920					
Team Member (320 hours, 18€/hour, 8 TM)	46.080					
Dedicated server for ML model training	10.000					
Advertising	4.000					
Domain	70					
Annual financing installment	13.556					
Total Project costs without annual financing installment	86.070					
Total Project costs (all applied in year 0)	22.163					
Maintenance	15.000					
Customer Service	8.000					
Total Project costs (all applied from year 1)	46.626					
Benefits						
Projected benefits for year 0	17.426					
Projected benefits for year 1	49.375					
Projected benefits for year 2	148.124					
Projected benefits for year 3	246.874					