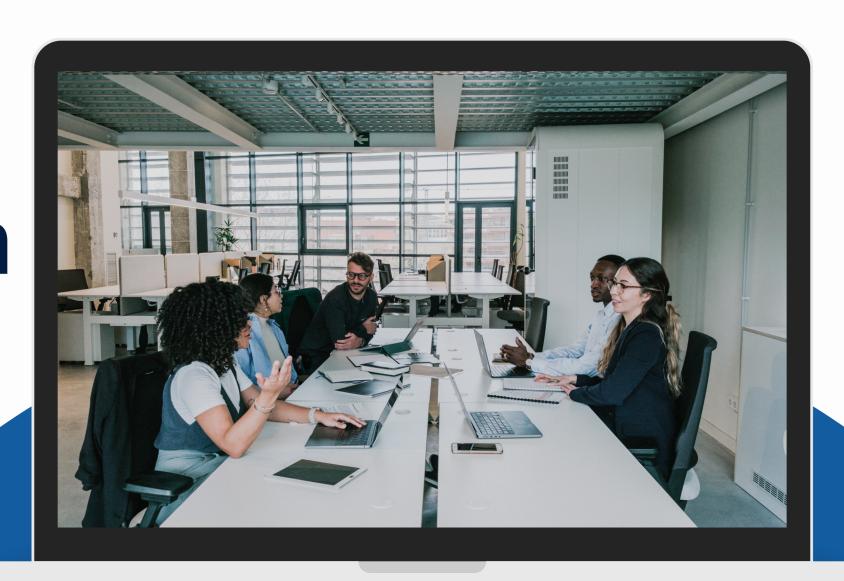
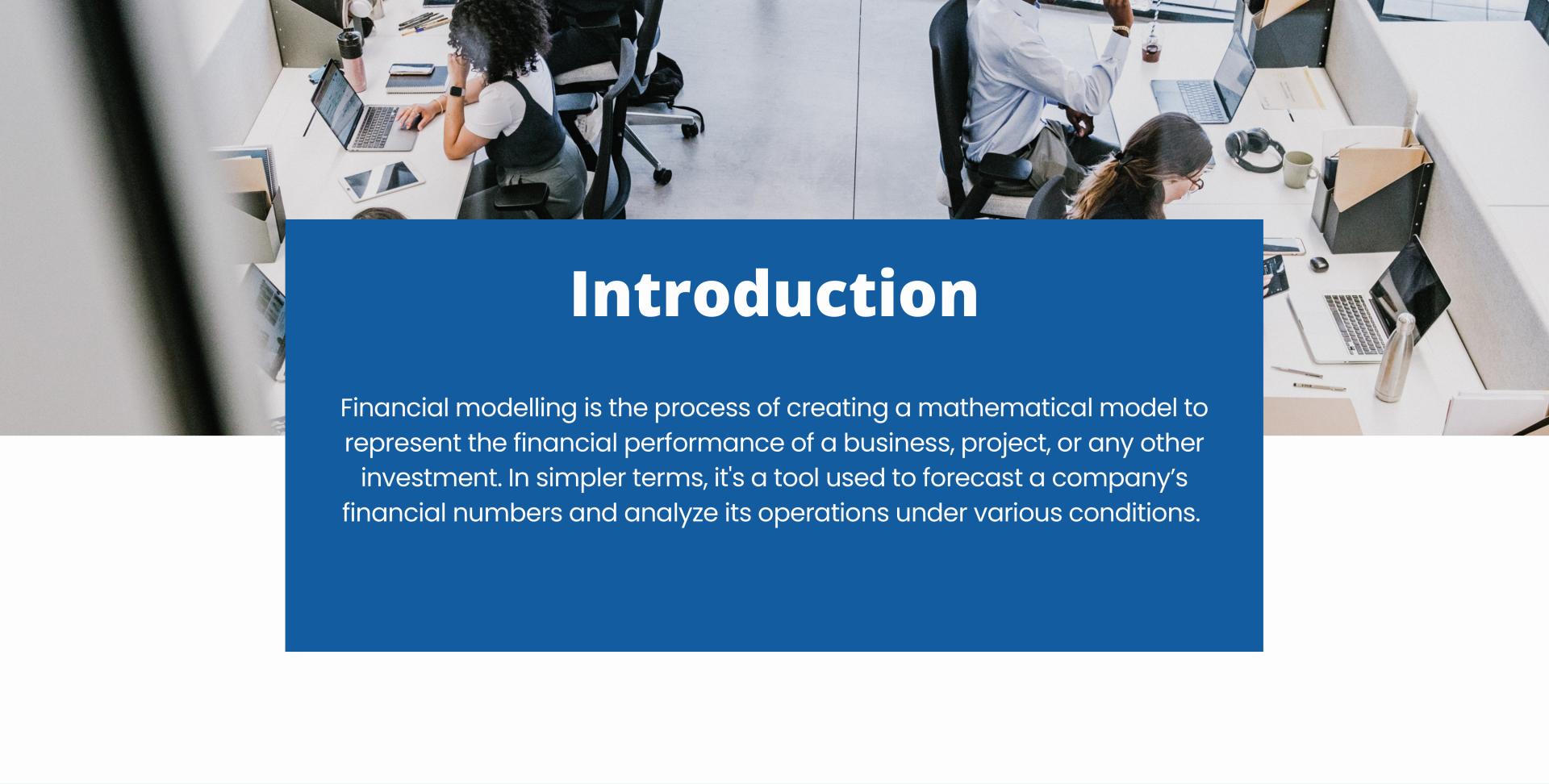
# How Can Financial Modeling Transform Your Business Decision-Making?





### Purpose Of Financial Modelling

01

Forecasting and Budgeting:

Financial forecasting models predict the future financial performance of a company based on historical data and various assumptions. This helps in preparing budgets and setting expectations for future revenue, expenses, and cash flows.

02

Valuation:

Financial models are widely used for valuing businesses and assets. Discounted cash flow (DCF) models, for example, estimate the present value of a company based on its projected future cash flows. These models are essential in mergers and acquisitions, investment analysis, and for assessing the financial health of companies.

03

**Investment Analysis:** 

Models help investors and companies evaluate potential investments, comparing the expected returns against the risks. They are used to assess different scenarios, optimize the allocation of capital, and determine the financial feasibility of projects.

04

Risk Management:

Financial modeling allows businesses to analyze and simulate different financial and operational risks. This can include sensitivity analysis, scenario planning, and stress testing, helping companies understand potential impacts on their finances under various conditions.

### Purpose Of Financial Modelling

05

### **Decision Support:**

Financial models provide quantitative analysis that supports strategic decision-making across the company. They help leaders make informed decisions about expansions, acquisitions, new projects, and other strategic initiatives.

06

Business Planning and Strategy:

Models are instrumental in strategic planning, helping companies to map out their future operations. They can test different business strategies and forecast their long-term effects, providing insight into how strategic decisions might alter the company's trajectory.

07

### Capital Raising:

When businesses need to raise capital through debt or equity, financial models are used to present to potential investors or lenders. These models demonstrate the company's potential for growth and returns, showcasing its viability and the soundness of its business plan.

08

### Operational Planning:

Financial models help in operational planning by linking financial outcomes with operational metrics. They can forecast the impact of operational decisions, like changes in production capacity or operational efficiencies, on the financial health of the business.

### Components of Financial Modelling

01

Input Gathering: The first step in financial modeling is gathering historical data and making assumptions about the future. This can include past financial statements, industry data, market analysis, and forecasts.

02

Model Construction: Using the gathered inputs, a financial model is constructed typically in spreadsheet software like Microsoft Excel. The model translates assumptions and historical data into financial forecasts. It usually includes:

- Profit and Loss Statement: Estimates revenues, costs, and expenses to predict net income.
- Balance Sheet: Models assets, liabilities, and equity to assess the financial position at a given point in time.
- Cash Flow Statement: Projects how cash is expected to flow in and out of the business, highlighting the company's liquidity.

### Components of Financial Modelling

03

Analysis and Forecasting: The model can forecast future financial performance based on different scenarios and assumptions. This helps in making predictions about the company's health and its capacity to generate profit and cash flow.



Decision Making: The outcomes of a financial model facilitate decision-making in areas like investment appraisal, risk assessment, funding needs, and more. It can help determine the value of a business, the feasibility of projects, or the returns of potential investments.

### Uses of Financial Modelling



Business Valuation: Often used in mergers and acquisitions, financial modeling helps determine the value of a business.



Risk Analysis: Models various scenarios to see how changes in market conditions or business operations affect the company's performance



Capital Budgeting: Assists in evaluating investment projects, helping managers decide where to allocate capital to maximize returns.

### Uses of Financial Modelling



Strategic Planning: Helps companies in strategic planning by forecasting future scenarios and assessing the financial impact of different strategic choices.



Fundraising: Useful in presentations to potential investors, providing a detailed view of past performance and future prospects.

## Skills Required for Financial Modelling

01

### Accounting Knowledge:

A solid understanding of accounting principles is crucial. You need to know how different financial statements (income statement, balance sheet, cash flow statement) interact and how transactions affect each statement.

02

### Finance Expertise:

Familiarity with corporate finance concepts such as discounted cash flow (DCF), internal rate of return (IRR), net present value (NPV), and financial metrics is essential. Understanding these concepts allows you to interpret the outputs of a financial model and to build models that are financially robust.

03

### Excel Proficiency:

Expertise in Microsoft Excel is non-negotiable for financial modeling. This includes a strong grasp of formulas, functions (like LOOKUPs, INDEX/MATCH, SUMIF, etc.), pivot tables, data tables, and chart creation. Advanced skills may also include macros and VBA for automating repetitive tasks and handling larger datasets.



### **Analytical Thinking:**

Ability to think critically and analytically is key to dissecting financial data, making reasonable assumptions, and interpreting model outputs.

Analytical skills help in understanding and forecasting financial performance and in conducting sensitivity analyses.

## Skills Required for Financial Modelling



### Attention to Detail:

Financial modeling requires a high level of precision. Small errors can significantly impact the outcome of a model, so meticulous attention to detail is crucial to ensure accuracy and reliability of the models.

06

### Problem-Solving Skills:

The ability to identify problems, think through potential solutions, and decide on the best course of action is vital, especially when models do not behave as expected or when confronted with complex financial scenarios.

07

### **Business Understanding:**

Knowledge of the business environment, industry factors, and how businesses operate within a specific sector helps in creating more realistic and relevant financial models. Understanding business operations, revenue streams, cost structures, and market dynamics is crucial.

08

### Communication Skills:

While often overlooked, the ability to communicate the findings of a financial model clearly and effectively to stakeholders (who may not have a financial background) is important. This includes writing clear reports and creating presentations that succinctly summarize the model's outcomes.

## Skills Required for Financial Modelling

09

### Project Management:

Being able to manage a modeling project from conception through completion, including setting milestones, managing time efficiently, and coordinating with other team members, is valuable, especially for complex models that require input from various sources.

10

Ethics and Professionalism:

Financial modelers must adhere to high ethical standards, especially when handling sensitive financial data, making projections, and making recommendations based on model outputs.





Amounts in USD	2024	2025	2025	2027	2028	2029	2090	2031	2032	2033
UNITS PRODUCED (numbers)	2,700,000	2,985,000	3,308,750	3,660,563	4,060,329	4,508,602	5,011,685	5,576,739	6,211,900	6,926,425
Revenue	915,000,000	1,019,250,000	1,136,587,500	1,268,758,125	1,417,749,469	1,585,825,495	1,775,565,916	1,989,911,271	2,232,214,547	2,506,300,290
Costs of Good Sold	(603,750,000)	(669, 264,000)	(742,602,188)	(825,060,421)	(917,533,843)	(1,021,436,395)	(1,138,273,119)	(1,269,755,664)	(1,417,831,453)	(1,584,717,04)
Gross Profit	311,250,000	349,986,000	393,895,313	443,697,704	500,215,625	564,389,100	637,292,797	720,155,507	814,383,095	921,583,25
OPERATING EXPENSES										
Employment Expenses	(2,028,000)	(2,162,100)	(2,305,358)	(2,458,414)	(2,621,958)	(2,796,726)	(2,983,507)	(3,183,149)	(3,306,557)	(3,624,70
Rental Expenses	(26,400,000)	(27,456,000)	(28,554,240)	(29,696,410)	(30,884,266)	(32,119,637)	(33,404,422)	(34,740,599)	(36, 130, 223)	(37,575,43
Admin Expenses	(6,000,000)	(6,120,000)	(6,242,400)	(6,367,248)	(6,494,593)	(6,624,485)	(6,756,975)	(6,892,114)	(7,029,956)	(7,170,59
Utility Expenses	(0000,000,0)	(9,180,000)	(9,363,600)	(9,550,872)	(9,741,889)	(9,936,727)	(10,135,462)	(10,338,171)	(10,544,934)	(10,755,83
Promotional Expenses	(14,400,000)	(15,120,000)	(15,876,000)	(16,669,800)	(17,508,290)	(18,378,455)	(19,297,377)	(20,262,246)	(21, 275, 358)	(22,339,12
Professional Expenses	(3,000,000)	(3,120,000)	(3,244,800)	(3,374,592)	(3,509,576)	(3,649,999)	(3,795,957)	(3,947,795)	(4,105,707)	(4,269,93
Others	(6,000,000)	(6,240,000)	(6,429,600)	(6,749,184)	(7,019,151)	(7,299,917)	(7,591,914)	(7,895,591)	(8,211,414)	(8,539,87
TOTAL OPERATING EXPENSES	(66,828,000)	(69,398,100)	(72,075,998)	(74,866,520)	(77,774,724)	(80,805,905)	(83,965,614)	(87,259,665)	(90,694,150)	(94,275,45
EBITDA	244,422,000	280,587,900	321,819,315	368,831,184	422,440,902	483,583,195	55 3,327,183	632,895,943	723,688,944	827,307,79
Depreciation Expense	(3,962,500)	(3,131,875)	(3,079,906)	(2,927,580)	(2,992,512)	(2,792,418)	(4,228,360)	(3,826,469)	(3,418,076)	(3,379,87
EBIT	240,459,500	277,456,025	318,739,409	365,903,604	419,448,329	480,790,776	549,098,823	629,069,474	720,270,869	823,927,92
InterestExpense	(2,100,000)	(1,971,360)	(1,829,212)	(1,672,139)	(1,498,573)	(1,306,783)	(1,094,855)	(860,674)	(601,905)	(315,96
EBT	238,359,500	275,484,665	316,910,197	364,231,466	417,949,816	479,483,994	548,003,969	628,208,799	719,668,964	823,611,95
Tatx es.	(35,753,925)	(41,322,700)	(47,536,530)	(54,634,720)	(62,692,472)	(71,922,599)	(82,200,595)	(94,231,320)	(107,950,345)	(123,541,79
Net Income	202,605,575	234,161,966	269,373,667	309,596,746	355,257,344	407,561,395	465,803,373	533,977,480	611,718,620	700,070,16
BS	119	138	158	182	200	240	274	314	360	41
APROPRIATION ACCOUNTS	2024	2025	2026	2027	2028	2029	2090	2031	2032	2033
Rotained Earning	-	127,641,512	256,430,593	337,242,693	414,641,880	450,167,614	470,545,684	470,545,684	443,846,810	382,674,94
Net Income	202,605,575	234,161,966	269,373,667	309,596,746	355,257,344	407,561,395	465,803,373	533,977,480	611,718,620	700,070,16
Available for Distribution	202,605,575	361,803,478	525,804,261	646,839,439	769,899,224	857,729,009	936,349,057	1,004,523,164	1,055,565,430	1,082,745,11
Transfer to General Reserves	60,781,673	70,248,590	134,686,834	154,798,373	213,154,406	244,536,837	279,482,024	320,386,488	367,031,172	420,042,05
Dividend	14,182,390	35,124,295	53,874,733	77,399,186	106,577,208	142,646,488	186,321,349	240,289,866	305,890,310	385,038,55
Total Appropriation	74,964,063	105,372,885	188,561,567	232,197,559	319,731,609	387,183,325	465,803,373	560,676,354	672,890,482	805,080,68
RETAINED EARNINGS (RE) - (CI)	127,641,512	256,430,593	337,242,693	414,641,880	450,167,614	470,545,684	470,545,684	443,846,810	382,674,948	277,664,42

### ABC MANUFACTURING, INC. PROJECTED CONSOLIDATED FINANCIAL STATEMENTS 2024-2033

MANUFACTURING COMPANY - ABC										
Amounts in USD	2024	2025	2025	2027	2028	2029	2030	2031	2032	2033
FIXED ASSETS										
Cost	20,250,000	23,250,000	25,650,000	29,080,000	30,880,000	42,730,000	44,730,000	46,960,000	50,160,000	54,210,000
Accumulated Depreciation	(3,962,500)	(7,094,375)	(10,174,281)	(13, 101, 861)	(16,094,373)	(18,886,792)	(23,115,151)	(26,941,620)	(30,339,696)	(33,739,568
Written Down Value	16,287,500	16,155,625	15,475,719	15,928,139	14,785,627	23,843,208	21,614,849	20,018,380	19,800,304	20,470,432
CURRENT ASSETS										
Accounts Receivable	76,250,000	127,406,250	189,431,250	158, 994, 766	118,145,789	132,152,125	147, 963,826	165,825,939	186,017,879	208,858,358
Cash and Bank	148,630,929	317,157,592	488,809,649	774,366,412	1,093,222,051	1,369,539,384	1,677,326,812	2,006,727,140	2,355,965,569	2,724,198,159
	224,880,929	444,563,842	678,240,899	932,961,178	1,211,367,840	1,501,691,709	1,825,290,638	2,172,553,079	2,541,983,448	2,983,056,518
TOTALASSETS	241,168,429	460,719,467	693,716,618	948,889,317	1,226,153,467	1,525,534,917	1,846,905,487	2,192,571,459	2,561,783,752	2,953,526,950
EQUITY										
Capital	17,000,000	17,000,000	17,000,000	17,000,000	17,000,000	17,000,000	17,000,000	17,000,000	17,000,000	17,000,000
Retained Earnings	127,641,512	256,430,593	337,242,698	414,641,880	450,167,614	470,545,684	470, 545,684	443,846,810	382,674,948	277,664,424
Geineral Reserves	60,781,673	131,030,262	265,717,096	420,515,469	633,669,875	878,206,712	1,157,688,736	1,478,075,223	1,845,106,395	2, 265, 148, 493
Total Equity	205,423,185	404,460,855	619,959,789	852, 157,349	1, 100,837,489	1,365,752,396	1,645,234,420	1,938,922,034	2,244,781,343	2,559,812,917
LIABILITY										
Long Term Loan	17,421,067	15,925,132	14,272,125	12,445,552	10,427,188	8,196,896	5,732,424	3,009,182		
Current Liability										
Employment Payables	1,394,000	1,485,300	1,582,785	1,686,886	1,798,064	1,916,813	2,043,663	2,179,182	2,323,976	2,478,698
Di vi dend Payable	14,182,390	35,124,295	53,874,733	77,399,186	106,577,203	142,646,488	186, 321, 349	240,289,866	305,899,310	385,038,590
Principal (from Longterm Loan)	1,353,787	1,495,934	1,653,008	1,826,573	2,018,363	2,230,292	2,464,472	2,723,242	3,009,182	
Expenses payables	1,394,000	2,227,950	2,374,178	3,373,772	4,495,159	4,792,082	5, 109, 158	5,447,954	5,809,941	6,196,743
	18,324,177	40,333,479	59,484,708	84, 286, 417	114,888,789	151,585,625	195, 938,643	250,640,244	317,002,409	393,714,033
TOTALEQUITY & LIABILITY	241,168,429	460,719,467	693,716,618	948,889,317	1,226,153,467	1,525,534,917	1,846,905,487	2,192,571,459	2,561,783,752	2,953,526,950
CHECK POINT										

MANUFACTURING COMPANY - ABC											
Amounts in USD		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
OPERATING CASH FLOW											
NetIncome		202,605,575	234,161,966	269,373,667	309,596,746	355,257,344	407,561,395	465,803,373	533,977,480	611,718,620	700,070,163
Add: Depredation Expense		3,962,500	3,131,875	3,079,906	2,927,580	2,992,512	2,792,418	4,228,360	3,826,469	3,418,076	3,379,872
Changes in AR		(76,250,000)	(51, 156, 250)	(62,025,000)	30,836,484	40,448,977	(14,006,336)	(15,811,702)	(17, 862, 113)	(20, 191, 940)	(22,840,479)
Changes in Exp / Payable		1,394,000	833,950	146,228	999,594	1, 12 1, 388	296,873	317,126	338,796	361,986	386,805
Changes in Principal Payment		1,353,787	142,148	157,073	173,566	191,790	211,928	234,181	258,770	285,940	(3,009, 182)
Changes in Employment Payable		1,394,000	91,300	97,485	104,101	111,178	118,749	126,850	135,518	144,795	154,722
CF from Operating Activity		134,459,862	187, 204, 988	210,829,359	344,638,070	400, 123, 188	396, 975, 028	454,898,188	520,674,920	595,737,477	678,141,900
INVESTING CASH FLOW											
Changes in Fixed Assets		(20,250,000)	(3,000,000)	(2,400,000)	(3,380,000)	(1,850,000)	(11,850,000)	(2,000,000)	(2,230,000)	(3, 200,000)	(4,050,000)
FINANCING CASH FLOW											
Capital		17,000,000	-	-	-	-	-	-	-	-	- 1
Long Term Loans	0	17,421,067	(1,495,934)	(1,653,008)	(1,826,573)	(2,018,363)	(2, 230, 292)	(2,464,472)	(2,723,242)	(3,009,182)	- 1
Dividend Payment			(14, 182, 390)	(35, 124, 295)	(53,874,733)	(77, 399, 186)	(106, 577, 203)	(142,646,488)	(186, 321, 349)	(240, 289, 866)	(305,859,310)
NET CASH FLOW		148,630,929	168,526,664	171,652,057	285,556,764	318,855,639	276,317,533	307,787,227	3 29, 400, 329	349, 238, 429	368,232,590
Opening Cash Flow	0	-	148,630,929	317,157,592	488,809,649	774,366,412	1,093,222,051	1,369,539,584	1,677,326,812	2,006,727,140	2,355,965,569
Closing Cash Flow- Cl		148,630,929	317,157,592	488,809,649	774,366,412	1,093,222,051	1,369,539,584	1,677,326,812	2,006,727,140	2,355,965,569	2,724,198,159
			-	-			-	-		-	-

### LEVERAGE BUYOUTS (LBO) MODEL

Assumptions								
(\$Millions)		F	inancials		Capital St	ructure	Amount	Cos
Last Year EBITDA	1,350	Ţ	ast Year Financials		Bank De b	t	2.0x	8.0%
EBITDA Multiple	12.0x	F	levenue	4500	Senior De	bt	3.0x	16.0%
Enterprise Value - EV	16,200	E	BITDA	1350				
Existing Net Debt	400		0&A	150	Note			
Equity Value	15,800		Capex	400	IRR			29.1%
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		(WC	300				
Fees & Expenses	75							
		9	Operating Assumptions					
Sales (\$Millions)		F	leven ue Gro wth	12.0%				
EBITDA Multiple	12.0x	١	oYmargin expansion	2.0%				
		1	Tax Rate	25.0%				
Sources and Uses of Capita	i .							
				Uses of Capital				
Sources of Capital								
Sources of Capital	<u>Amo unt</u>	XEBITDA 9	6 Capital			Amount	XEBITDA	% Capita
Sources of Capital Bank Debt	<u>Amount</u> 2,700	XEBITDA 9	6 Capital 15.6%	De bt amorti zati	on	Amount 400	O.3x	% Capita 2.5%
-								
Bank Debt	2,700	2.0x	15.6%	De bt amortizati		400	0.3x	2.5%
Bank Debt Senior Debt	2,700 4,050	2.0x 3.0x	15.6% 24.9%	De bt amortizati		400	0.3x	2.5%
Bank Debt Senior Debt	2,700 4,050	2.0x 3.0x 5.0x	15.6% 24.9%	De bt amortizati Equity Payment		400 15,800	0.3x 11.7x	2.59 97.19

	Year 0	W	V3	W	Warra d	
Bank Debt	fearu	Tear 1	Year 2	Tears	Tear 4	Te
Balance b/f		2,700	2.580	2.277	1.747	9
Interest		216	206	182	140	
Principal re payment		120	304	530	806	9
Balance c/f	2,700	2,580	2,277	1,747	941	
Senior Debts						
Balance b/f		4,050	4,050	4,030	4,050	4,0
Interest		648	648	648	648	6
Principal repayment		0	0	0	0	2
Balance c/f	4,050	4,050	4,050	4,050	4,050	3,8
Total Debt						
Balance b/f		6,750	6,630	6,327	5,797	4,9
Interest		864	854	830	788	7
Principal re payment		120	304	530	806	1,1
Balance c/f	6,750	6,630	6,327	5,797	4,991	3,8
Internal Rate of Return (IRR)						
Last Year EBITDA Sales						3,1
Sales Multiple						12
Enterprise Value - EV						38,0
Net Debt						3,8
Investment Equity Value						34,2
Initial Equity Investment						9,5
Multiple of Invested Capital (MOIC)						3
IRR						29.1



	A STATE OF THE RESIDENCE OF THE PARTY OF	NAME OF THE OWNER,				
Financials						
Operating Model	Year 0	Year 1	Year 2	Year 3	Year 4	Year 5
Revenue	4,500	5,040	5,645	6,322	7,081	7,931
% growth		12.0%	12.0%	12.0%	12.0%	12.0%
EBITDA	1,350	1,613	1,919	2,276	2,691	3,172
% sales	30.0%	32.0%	34.0%	36.0%	38.0%	40.0%
EBIT	1,200	1,445	1,731	2,065	2,455	2,908
% sales	26.7%	28.7%	30.7%	32.7%	34.7%	36.7%
Interest		864	854	830	788	723
EBT	1,200	581	877	1,235	1,667	2,185
% sales	26.7%	11.5%	15.5%	19.5%	23.5%	27.5%
Taxes	300	145	219	309	417	546
% tax rate	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%
NetIncome	900	436	657	926	1,250	1,638
% sales	20.0%	8.6%	11.6%	14.7%	17.7%	20.7%
Cash flow Items	Year0	Year 1	Year 2	Year 3	Year 4	Year 5
D&A	150	168	188	211	236	264
% sales	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%
Net Working Capital	300	336	376	421	472	529
% sales	6.7%	6.7%	6.7%	6.7%	6.7%	6.7%
Change in Net Working Capital		36	40	45	51	57
CapEx	400	448	502	562	629	705
% sales	8.9%	8.9%	8.9%	8.9%	8.9%	8.9%
Levered Cash Flow	Year0		Year 2	Year 3	Year 4	Year 5
NetIncome		436	657	926	1,250	1,638
D&A		168	188	211	236	264
CapEx		448	50.2	562	629	705
Change in NWC		36	40	45	51	57
Levered Cash Flow		120	304	530	806	1,141

IMAN ALY

### STRATEGIC FINANCIAL FORECASTING: NAVIGATING UNCERTAINTY WITH BEST/WORST CASE SCENARIO PLANNING

	Best/Wo	orst Case Sce	nario M	lodel			
	2023	2024		2024		2024	
The amount is in USD	<u>Actuals</u>	Worst	% Chg	Base Case	% Chg	<u>Best</u>	% Chg
Revenue per unit	500,000	300,000	- <b>40</b> %	450,000	- <b>10</b> %	600,000	20%
total units	200	100	<b>50</b> %	250	<b>25</b> %	300	50%
Total Revenue	100,000,000	30,000,000	- <b>70</b> %	112,500,000	<b>13</b> %	180,000,000	80%
Cost of Goods Sold	40,000,000	20,000,000	- <b>50</b> %	47,000,000	18%	65,000,000	<b>63</b> %
					_		
Gross Margin	60,000,000	10,000,000	-83%	65,500,000	9%	115,000,000	<b>92</b> %
Gross Profit Margin (GPM)	60%	<b>33</b> %		58%		64%	

### COMPREHENSIVE SCENARIO PLANNING FOR NEW PRODUCT LAUNCHES Best/Worst Case Scenario Model

	2024	2024	2024
The amount is in USD	Worst Case	Base Case	Best Case
Revenue per unit	400	500	600
total units	8,000	20,000	30,000
Total Revenue	3,200,000	10,000,000	18,000,000
Cost of Goods Sold	2,400,000	5,000,000	6,000,000
Gross Profit	800,000	5,000,000	12,000,000
Gross Profit Margin (GPM)	25%	50%	67%
Operating Expenses			
Marketing & Launch Cost	1,500,000	1,000,000	1,000,000
Total OPEX	1,500,000	1,000,000	1,000,000
Profit / Loss	(700,000)	4,000,000	11,000,000
Profit Margin/loss	-22%	40%	61%





### **IMANALY**

### SENSITIVITY ANALYSIS AND WHAT-IF ANALYSIS

		DCF AI	NALYSIS					
FREE CASH FLOW - USD MM								
YEARS			2023A	2024E	2025E	2026E	2027E	2028
FREE CASH FLOW			6,000	7,800	10,140	13,182	17,137	22,27
PROJECTED YEARS				1	2	3	4	
PRESENT VALLUE OF FREE CASH FLO	w			7,290	8,857	10,760	13,073	15,88
SHARE PRICE CALCULATION				SENSITIVIT	V ANALVSI	s		
Sum of PV of FCF	55.864			SENSITIVIT	I ANALISI	,		
GROWTH RATE	4.00%		SHARE PRICE		GR	OWTH RATI	E	
WACC	7.00%		1,226.79	3.00%	3.50%	4.00%	4.50%	5.00
TERMINAL VALUE	772,289		6.00%	1,272.24	1,507.52	1,860.44	2,448.64	3,625.0
PV OF TERMINAL VALUE	550,632		6.50%	1,084.33	1,249.25	1,480.14	1,826.48	2,403.
ENTERPRISE VALUE	606,496	WACC	7.00%	943.53	1,064.93	1226.79	1,453.40	1,793.
(+) CASH	15,000		7.50%	834.14	926.82	1,045.97	1,204.84	1,427
(-) DEBT	7,500		8.00%	746.74	819.52	910.49	1,027.45	1,183.
(-) Minority Interest	600							
EQUITY VALUE	613,396							
OUTSTANDING SHARE (MM)	500.00		TERMINAL VALUE			OWTH RATI		
SHARE PRICE	1,226.79		772,289	3.00%	3.50%	4.00%	4.50%	5.00
			6.00%	764,864	922,292	1,158,434	1,552,005	
			6.50%	655,597	768,577	926,747	1,164,004	
		WACC	7.00%	573,648	658,780	772,289	931,203	
			7.50%	509,909	576,432	661,962	776,002	935,65
			8.00%	458,918	512,384	579,217	665,145	779,7

Gross Profit Margin (GPM)

Effect of Price	Effect of Price Discounts by Volume Increase												
Sales	\$	10,000,000	\$	500,000	\$	750,000	\$	750,000					
Profit		15%		30%		45%		35%					
Discount		-5%		-10%		-20%		-15%					
Average price before discount	\$	5,000	\$	2,000	\$	5,000	\$	5,000					
Volume before		2000		250		150		150					
Profit per unit	\$	750	\$	600	\$	2,250	\$	1,750					
Cost	\$	4,250	\$	1,400	\$	2,750	\$	3,250					
New profit per unit after discount	\$	500	\$	400	\$	1,250	\$	1,000					
Volume after		3000		375		270		262.5					
Change volume needed		50%		50%		80%		75%					

**58**%

### Volume increase in % necessary to maintain the same amount of profit in \$ after giving a discount

		Price d	iscount (price re	duction in %)			
-1%	-2%	-3%	-4%	-5%	-10%	-15%	-20%
25%	67%	150%	400% -	-	-	-	
11%	25%	43%	67%	100% -	-	-	
7%	15%	25%	36%	50%	200% -	-	
5%	11%	18%	25%	33%	100%	300% -	
4%	9%	14%	19%	25%	67%	150%	400%
3%	7%	11%	15%	20%	50%	100%	200%
3%	6%	9%	13%	17%	40%	75%	133%
3%	5%	8%	11%	14%	33%	60%	100%
2%	5%	7%	10%	13%	29%	50%	80%
2%	4%	6%	9%	11%	25%	43%	67%
	25% 11% 7% 5% 4% 3% 3% 3% 2%	25% 67% 11% 25% 7% 15% 5% 11% 4% 9% 3% 7% 3% 6% 3% 5% 2% 5%	-1% -2% -3% 25% 67% 150% 11% 25% 43% 7% 15% 25% 5% 11% 18% 4% 9% 14% 3% 7% 11% 3% 6% 9% 3% 5% 8% 2% 5% 7%	-1% -2% -3% -4% 25% 67% 150% 400% - 11% 25% 43% 67% 7% 15% 25% 36% 5% 11% 18% 25% 4% 9% 14% 19% 3% 7% 11% 15% 3% 6% 9% 13% 3% 5% 8% 11% 2% 5% 7% 10%	25%         67%         150%         400%         -         -           11%         25%         43%         67%         100%         -           7%         15%         25%         36%         50%           5%         11%         18%         25%         33%           4%         9%         14%         19%         25%           3%         7%         11%         15%         20%           3%         6%         9%         13%         17%           3%         5%         8%         11%         14%           2%         5%         7%         10%         13%	-1%         -2%         -3%         -4%         -5%         -10%           25%         67%         150%         400%         -         -         -           11%         25%         43%         67%         100%         -         -         -           7%         15%         25%         36%         50%         200%         -           5%         11%         18%         25%         33%         100%           4%         9%         14%         19%         25%         67%           3%         7%         11%         15%         20%         50%           3%         6%         9%         13%         17%         40%           3%         5%         8%         11%         14%         33%           2%         5%         7%         10%         13%         29%	-1%         -2%         -3%         -4%         -5%         -10%         -15%           25%         67%         150%         400%         -         -         -         -           11%         25%         43%         67%         100%         -         -         -           7%         15%         25%         36%         50%         200%         -         -           5%         11%         18%         25%         33%         100%         300%         -           4%         9%         14%         19%         25%         67%         150%           3%         7%         11%         15%         20%         50%         100%           3%         6%         9%         13%         17%         40%         75%           3%         5%         8%         11%         14%         33%         60%           2%         5%         7%         10%         13%         29%         50%

	Best/Wo	orst Case Sce	nario M	lodel			
	2023	2024		2024		2024	
The amount is in USD	<u>Actuals</u>	<u>Worst</u>	% Chg	Base Case	% Chg	<u>Best</u>	% Chg
Revenue per unit	500,000	300,000	- <b>40</b> %	450,000	- <b>10</b> %	600,000	20%
total units	200	100	<b>50</b> %	250	<b>25</b> %	300	<b>50</b> %
Total Revenue	100,000,000	30,000,000	- <b>70</b> %	112,500,000	13%	180,000,000	<b>80</b> %
Cost of Goods Sold	40,000,000	20,000,000	- <b>50</b> %	47,000,000	18%	65,000,000	<b>63</b> %
Gross Margin	60,000,000	10,000,000	- <b>83</b> %	65,500,000	9%	115,000,000	<b>92</b> %

**33**%

**60**%

64%



### THANK YOU!