



Excel Crash Course

Excel Crash Course

[Company Name]													* Corporate Finance Institute®. All rights reserved.												
Profit and Loss (P&L) Statement																									
[USD \$ millions]																									
2018																									
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Full Year												
Revenue stream 1	587.0	596.3	605.8	615.4	625.2	635.1	645.2	655.4	665.8	676.4	687.1	698.0	7,692.6												
Revenue stream 2	145.6	147.9	150.2	152.6	155.0	157.5	160.0	162.5	165.1	167.7	170.4	173.1	1,907.8												
Returns, Refunds, Discounts	(21.0)	(21.3)	(21.7)	(22.0)	(22.4)	(22.7)	(23.1)	(23.5)	(23.8)	(24.2)	(24.5)	(24.8)	(25.2)												
Total Net Revenue	711.6	722.9	734.3	746.0	757.8	769.9	782.1	793.9	806.7	819.3	831.9	844.3	9,507.2												
Cost of Goods Sold	269.6	273.9	278.2	282.7	287.1	291.7	296.3	300.9	305.5	310.1	314.7	319.3	3,542.5												
Gross Profit	442.0	449.0	456.1	463.3	470.7	478.2	485.7	493.0	501.2	509.2	517.2	525.0	6,064.7												
Expenses																									
Advertising & Promotion	18.7	19.1	19.5	19.8	20.2	20.6	21.0	21.4	21.8	22.2	22.6	23.0	264.8												
Depreciation & Amortization	108.7	110.9	113.1	115.3	117.6	119.9	122.3	124.6	126.9	129.2	131.5	133.8	1,554.0												
Insurance	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	13.8												
Maintenance	5.7	5.8	5.9	6.0	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	81.0												
Office Supplies	2.8	2.9	2.9	3.0	3.0	3.1	3.2	3.2	3.3	3.3	3.4	3.5	41.0												
Rent	5.8	5.9	6.0	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	84.0												
Salaries, Benefits & Wages	251.2	256.2	261.3	266.5	271.8	277.2	282.7	288.1	293.6	299.1	304.6	310.1	3,648.0												
Telecommunication	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	20.4												
Travel	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.8	33.6												
Utilities	1.4	1.4	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.7	20.4												
Other Expense 1	3.8	3.9	4.0	4.0	4.1	4.2	4.3	4.3	4.4	4.4	4.5	4.6	55.2												
Other Expense 2	-	-	-	-	-	-	-	-	-	-	-	-	-												
Total Expenses	403.0	411.0	419.2	427.5	436.0	444.7	453.5	462.2	470.9	479.6	488.3	497.0	5,848.0												
Earnings Before Interest & Taxes	39.0	38.0	36.9	35.8	34.7	33.5	32.2	31.0	29.7	28.4	27.1	25.8	299.2												
Interest Expense	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	30.0												
Earnings Before Taxes	36.5	35.5	34.4	33.3	32.2	31.0	29.7	28.5	27.2	25.9	24.6	23.3	269.2												
Income Taxes	10.9	10.6	10.3	10.0	9.7	9.3	8.9	8.6	8.3	8.0	7.7	7.4	88.8												
Net Earnings	25.5	24.8	24.1	23.3	22.5	21.7	20.8	19.9	18.9	17.9	17.0	15.9	180.4												

FINANCIAL STATEMENTS													Historical Results													Forecast Period												
													2012	2013	2014	2015	2016	2017	2018	2019	2020	2021																
Balance Sheet Check													OK	OK	OK	OK	OK	OK	OK	OK	OK	OK																

FMVA™ Certification

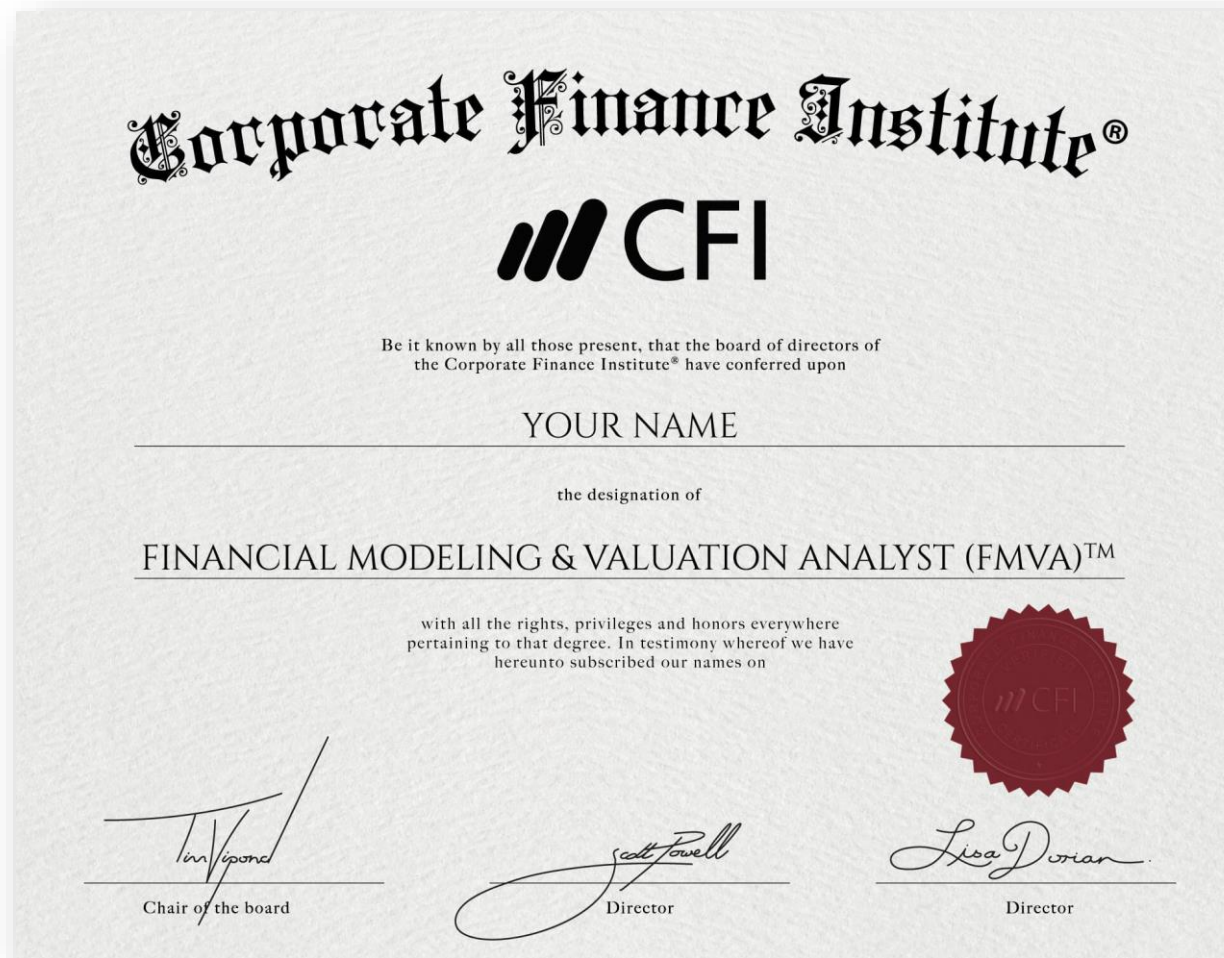


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Excel setup



Basic financial
analysis setup



Advanced
financial
analysis
setup



Basic functions
and formulas



Wrap-up

CFI Instructors



Meet the global team of CFI instructors



Tim Vipond

CEO & Instructor
Vancouver



Lisa Dorian

Director & Instructor
New York



Justin Sanders

Instructor
London



Ryan Spendelow

Instructor
Hong Kong



Scott Powell

Director & Instructor
Vancouver



Key Learning Objectives

About this course

Designed for financial analysts in investment banking, equity research, FP&A, corporate development

Teaches Excel 2016, 2013 and 2010

Review of the basics

Advanced functions so experts will learn a lot too

Session objectives



Follow industry best practices



Dramatically speed up your financial modeling



Make your analysis more powerful and dynamic



Be a world class financial analyst

Keyboard over the mouse

Professionals use the keyboard over the mouse to:

Save
time

Move around more
easily

Its kind of
fun too

IB training programs actually unplug your mouse
(Challenge yourself to unplug or not use your mouse)

Slower in short run; much faster in long run



Excel Layout

Session objectives



Workbook



Worksheets



Cell name



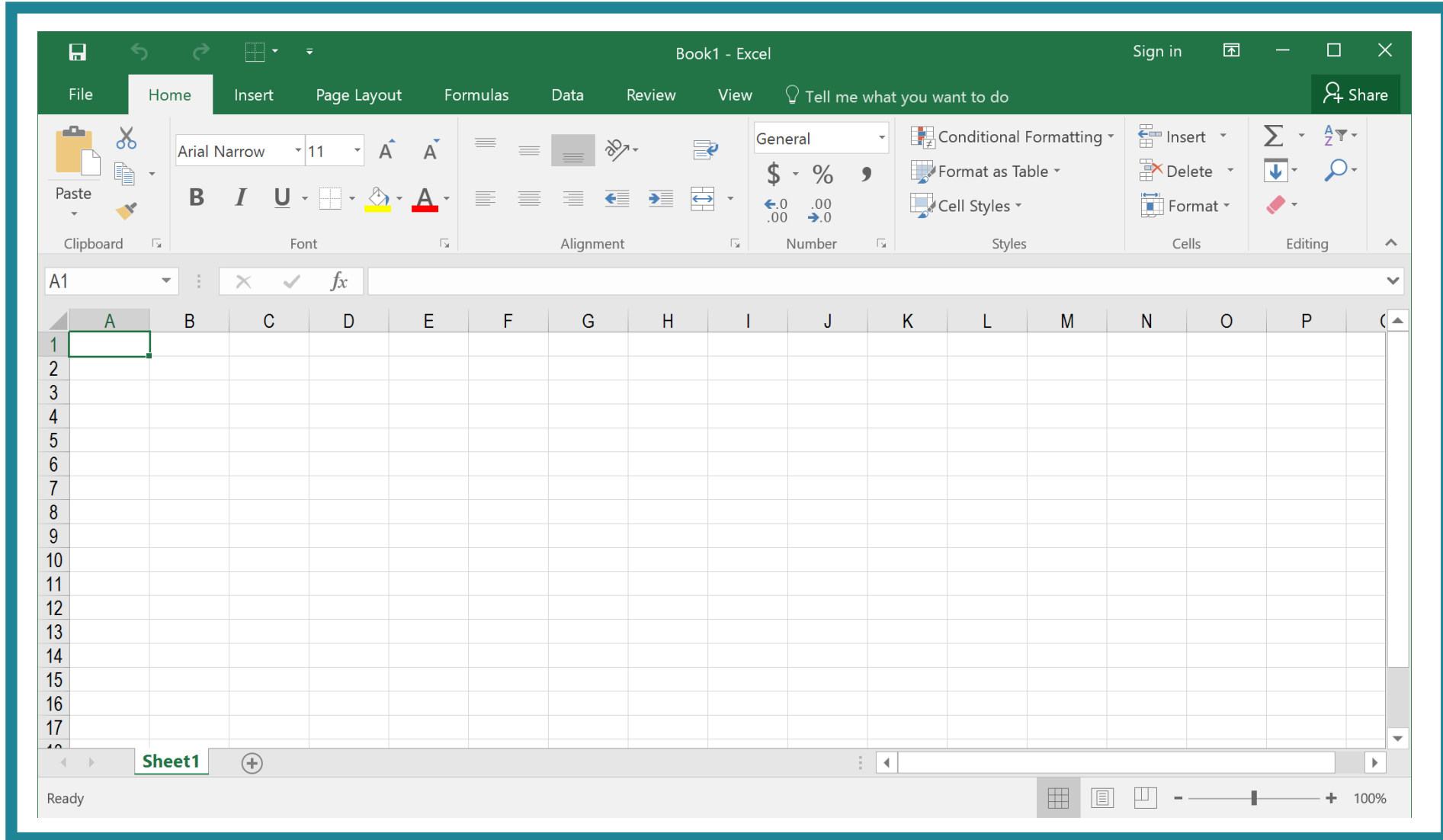
Formula bar



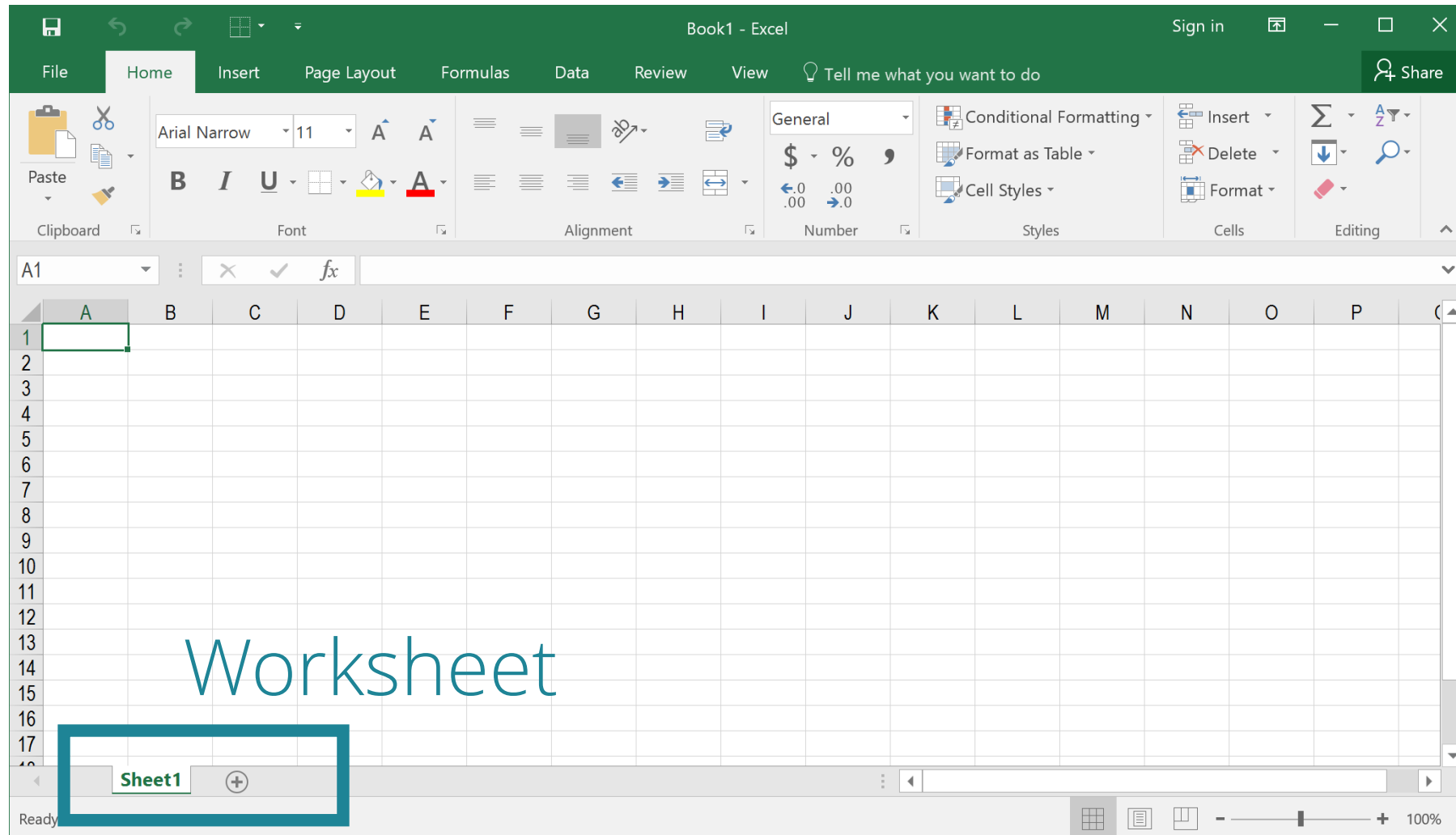
Ribbon

Excel Layout

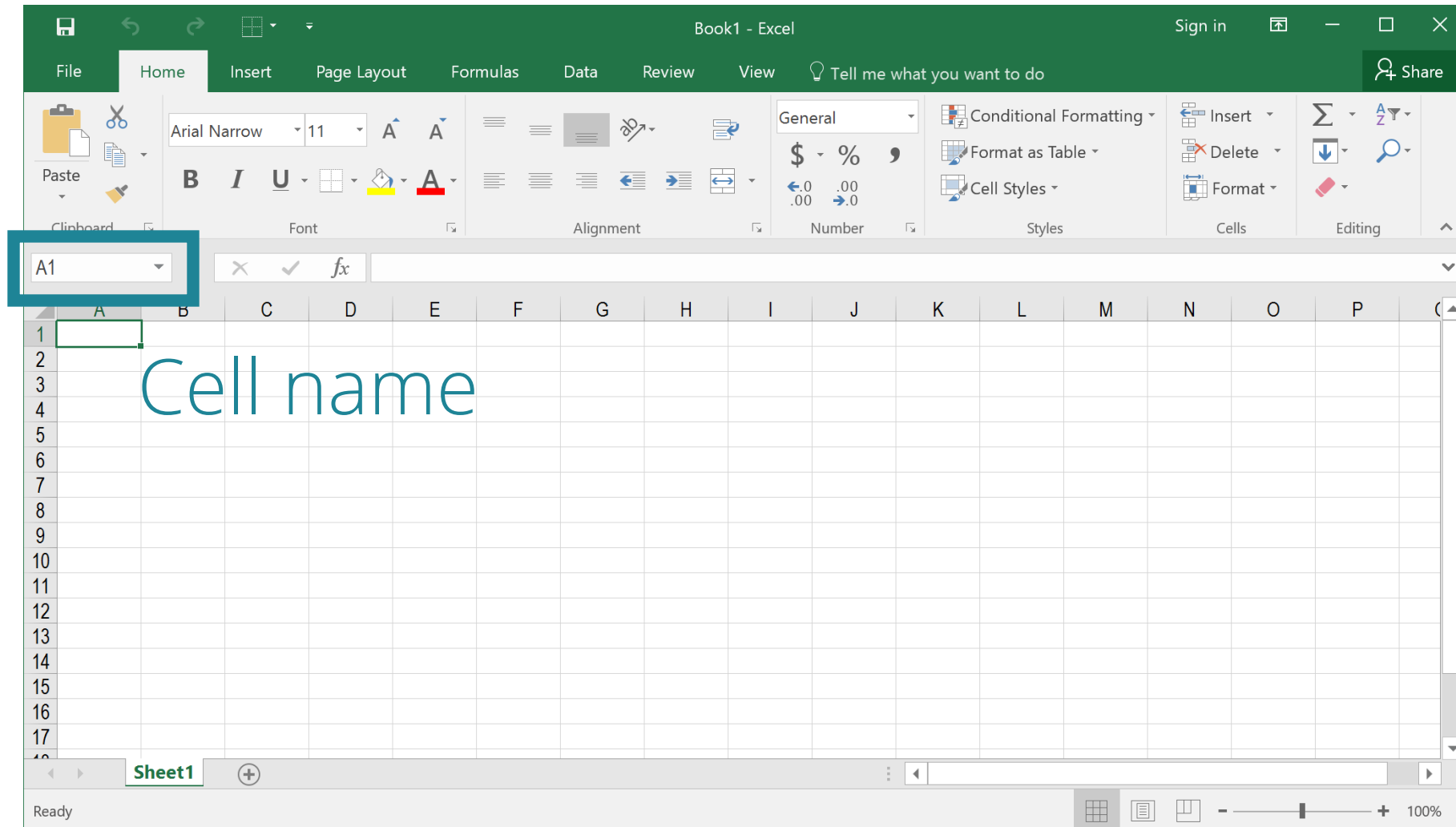
Workbook



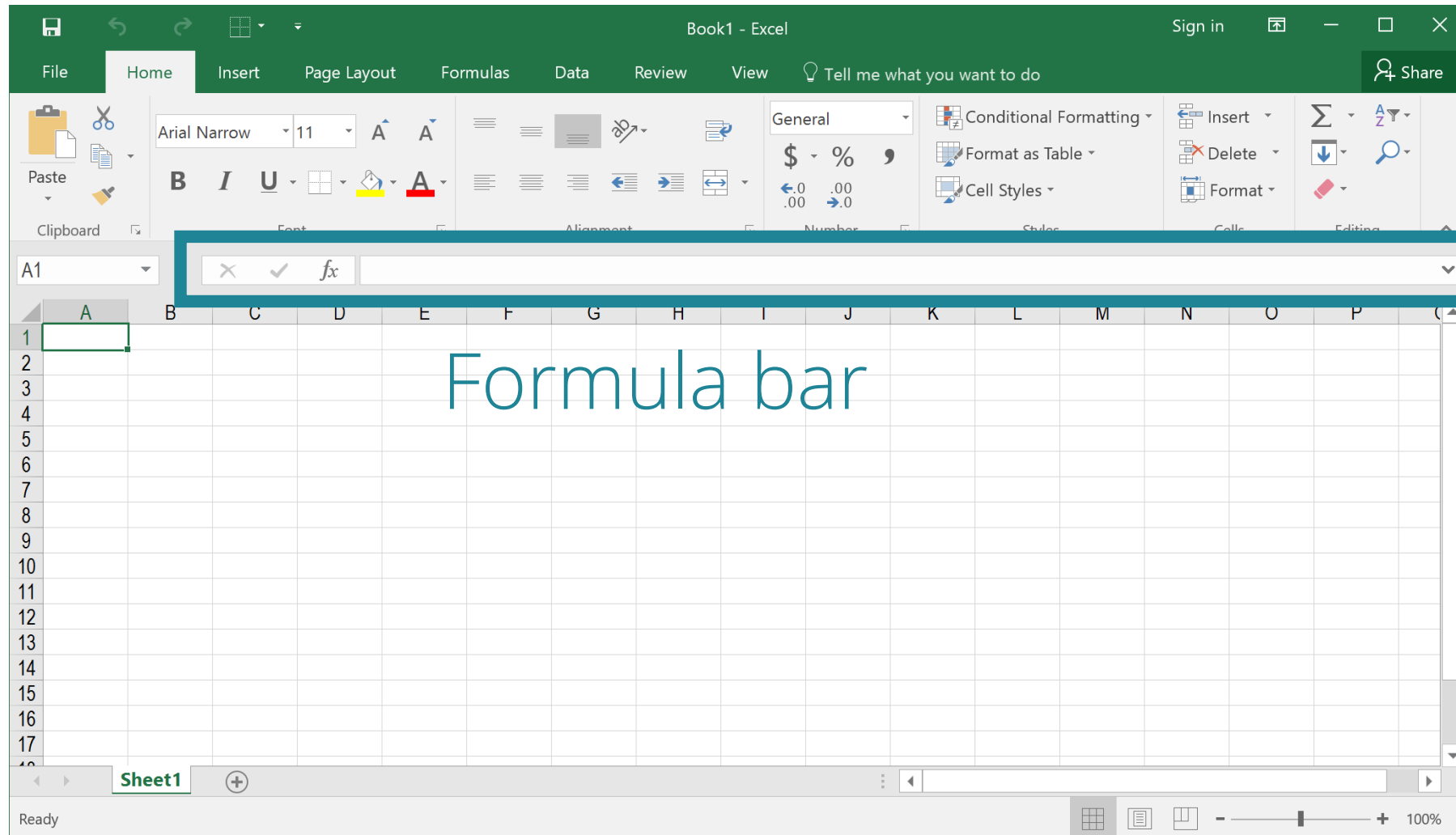
Excel Layout



Excel Layout

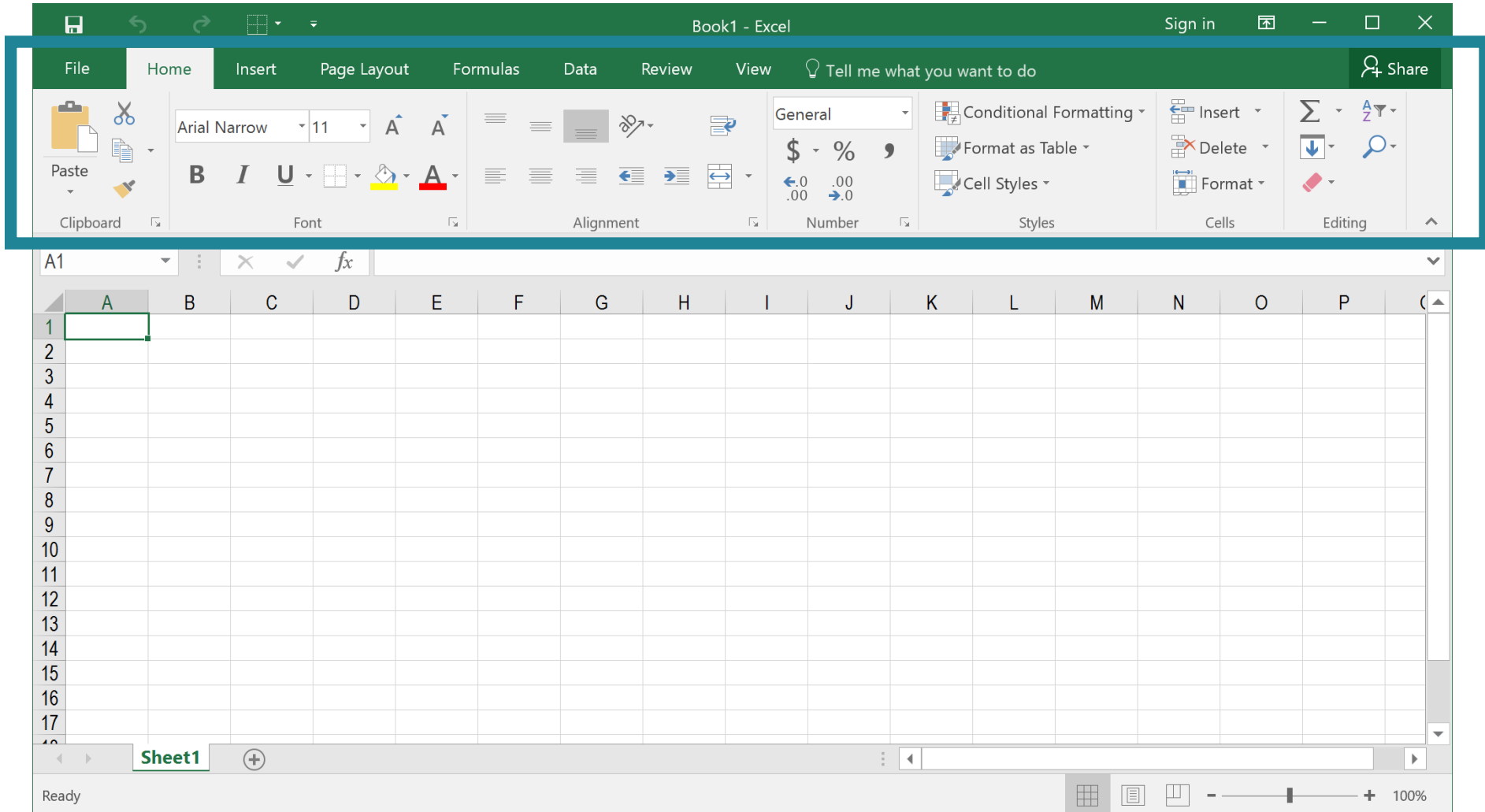


Excel Layout



Excel Layout

Ribbon





Excel Settings

Session objectives



Options



Formatting



Formulas



Advanced



Protection



Basic Financial Analysis Setup

Key learning objectives

Layout and structure is the most important part of financial modeling and analysis
(What separates great work from the rest?)

Clean formatting

Easy to follow and understand

Easy to audit

Dynamic

Detailed

Accurate

Easy to make changes



Advanced Financial Analysis Setup

Session objectives



Handle more complex situations



Make your analysis more dynamic



Make your analysis more detailed and precise



Produce professional grade output



Formulas & Functions

Session objectives



Functions are a very important and powerful part of model building



Makes model more dynamic, more sophisticated, more detailed



Don't get overly complicated, still want an overall simple model



Designed specifically for financial analysis and financial modeling



Advanced Formulas & Functions

Session objectives



Create scenarios



Dynamic data queries



Automatic sorting



Finance specific
functions



What If Analysis and Goal
Seek



Charts & Graphs

Session objectives



Create a separate dashboard area



Use charts to tell a story



What do you need to communicate to the reader?



Pick the most appropriate graph



Macros

Session objectives



Record a macro



Speed up modeling



More powerful shortcuts



Keep Practicing

Keep Practicing

Best courses to practice are:

Excel Modeling
Fundamentals

Building a Financial
Model in Excel

FP&A Rolling Cash
Flow Forecast

Startup / eCommerce
Financial Model

Real Estate Financial
Model

Sensitivity Analysis

More Advanced Models

[Company Name]													* Corporate Finance Institute®. All rights reserved.												
Profit and Loss (P&L) Statement																									
[USD \$ millions]																									
2018																									
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Full Year												
Revenue stream 1	587.0	596.3	605.8	615.4	625.2	635.1	645.2	655.4	665.8	676.4	687.1	698.0	7,692.6												
Revenue stream 2	145.6	147.9	150.2	152.6	155.0	157.5	160.0	162.5	165.1	167.7	170.4	173.1	1,907.8												
Returns, Refunds, Discounts	(21.0)	(21.3)	(21.7)	(22.0)	(22.4)	(22.7)	(23.1)	(23.5)	(23.8)	(24.2)	(24.5)	(24.9)	(275.3)												
Total Net Revenue	711.6	722.9	734.3	746.0	757.8	769.9	782.1	797.4	816.7	839.7	862.0	874.2	9,707.2												
Cost of Goods Sold	269.6	273.9	278.2	282.7	287.1	291.7	296.3	301.0	305.8	310.6	315.4	320.2	3,652.5												
Gross Profit	442.0	449.0	456.1	463.3	470.7	478.2	485.7	496.4	510.9	529.1	547.5	554.0	6,054.7												
Expenses																									
Advertising & Promotion	18.7	19.1	19.5	19.8	20.2	20.6	21.0	21.4	21.8	22.2	22.6	23.0	267.6												
Depreciation & Amortization	108.7	110.9	113.1	115.3	117.6	119.9	122.3	124.6	126.9	129.2	131.5	133.8	1,548.0												
Insurance	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	14.4												
Maintenance	5.7	5.8	5.9	6.0	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	82.8												
Office Supplies	2.8	2.9	2.9	3.0	3.0	3.1	3.2	3.2	3.3	3.3	3.4	3.5	41.4												
Rent	5.8	5.9	6.0	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	84.9												
Salaries, Benefits & Wages	251.2	256.2	261.3	266.5	271.8	277.2	282.7	288.1	293.6	299.1	304.6	310.1	3,652.5												
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Earnings Before Interest & Taxes	39.0	38.0	36.9	35.8	34.7	33.5	32.2	31.4	30.6	29.5	28.5	27.4	319.0												
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Earnings Before Taxes	36.5	35.5	34.4	33.3	32.2	31.0	29.7	28.9	28.1	27.0	26.0	24.9	289.0												
Income Taxes	10.9	10.6	10.3	10.0	9.7	9.3	8.9	8.6	8.3	8.0	7.7	7.4	88.9												
Net Earnings	25.5	24.8	24.1	23.3	22.5	21.7	20.8	20.3	19.8	19.0	18.3	17.5	200.1												

* Corporate Finance Institute®. All rights reserved.								Forecast Period											
FINANCIAL STATEMENTS								2012	2013	2014	2015	2016	2017	2018	2019	2020	2021		
Balance Sheet Check								OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
Cash Flow Statement																			
Operating Cash Flow																			
Net Earnings	2,474	11,791	21,075	26,713	28,227	35,156	38,389	44,000	© Corporate Finance Institute®.										
Plus: Depreciation & Amortization	19,500	18,150	17,205	16,544	16,080	15,008	15,005	13,000	DCF Model										
Less: Changes in Working Capital	9,003	1,702	775	903	827	375	611												
Cash from Operations	12,971	28,239	37,505	42,354	43,480	49,789	52,783	56,000	Assumptions										
Investing Cash Flow																			
Investments in Property & Equipment	15,000	15,000	15,000	15,000	15,000	15,000	10,000	25,000	Tax Rate										
Cash from Investing	15,000	15,000	15,000	15,000	15,000	15,000	10,000	25,000	Discount Rate										
Financing Cash Flow																			
Issuance (repayment) of debt	-	-	(20,000)	-	-	-	-	(20,000)	Perpetual Growth Rate										
Issuance (repayment) of equity	170,000	-	-	-	-	-	-	-	EV/EBITDA Multiple										
Cash from Financing	170,000	-	(20,000)	-	-	-	-	(20,000)	Transaction Date										
Net Increase (decrease) in Cash	167,971	13,239	2,505	27,354	28,480	34,789	42,783	11,000	Fiscal Year End										
Opening Cash Balance	-	167,971	181,210	183,715	211,069	239,550	274,339	317,122	Current Price										
Closing Cash Balance	167,971	181,210	183,715	211,069	239,550	274,339	317,122	328,122	Shares Outstanding										
Check	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Debt										
									Cash										
									Capex										

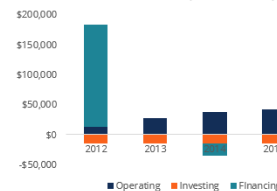
Supporting Schedules

Charts and Graphs

Earnings (2012 - 2016)



Cash Flows (2012 - 2016)



FMVA™ Certification

